

**AIRPORT SURFACE DETECTION EQUIPMENT - MODEL X
STATEMENT OF WORK**

Contractor Depot Logistics Support (CDLS)



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1.0 General

The Contractor shall provide Contractor Depot Logistics Support (CDLS) to the fielded Airport Surface Detection Equipment (ASDE-X) sites. The Contractor shall furnish all qualified labor, supervision, materials, piece parts, equipment, tools, and services required to perform depot-level supply and repair support of the ASDE-X system hardware and ancillary equipment at the Contractor's facility referred to herein as the depot. This supply and repair service shall include: issuing expendable Lowest Replaceable Units (LRUs) or expendable items; issuing, receipting, repairing or replacing Exchange and Repair (E&R) LRUs; and packaging, handling, and transportation costs to and from the Contractor's facilities and Government ASDE-X sites. Work is to be performed in accordance with the Statement of Work (SOW), and in accordance with all the terms, conditions, and provisions herein.

1.1 Scope and Background

This Statement of Work (SOW) defines requirements for CDLS support of the ASDE-X. The ASDE-X system is surface surveillance radar that processes multiple radar sources, Multilateration, and Automatic Dependent Surveillance-Broadcast (ADS-B) sensor data to provide air traffic controllers with seamless movement area coverage and aircraft identification. The ASDE-X, through its advanced technology, provides controllers with increased situational awareness, thus reducing the risk of critical Category A & B runway incursions, and improving surface operational efficiencies. The ASDE-X provides air traffic controllers with a visual representation of the traffic situation on the airport movement area and arrival corridors. The ASDE-X has been upgraded with the Safety Logic enhancement that uses surveillance information from the ASDE-X to determine if the current and/or projected positions and movement characteristics of tracked aircraft/vehicles present a potential collision situation. Controllers are provided both visual and audible alerts when the Safety Logic enhancement predicts a collision. Due to its safety and efficiency benefits, the FAA plans to install ASDE-X at 35 airports with a 20 year life expectancy. The work scope described herein applies to each system listed in Attachment B for the specified period of performance. The hardware maintenance concept is two-level, site and depot, with maintenance activities being performed at both levels. On-site maintenance is restricted to the removal and replacement of failed LRUs and sub-assemblies and replenishment from on-site spares. Built-In-Test (BIT) isolates faults to the failed LRU. Depot level maintenance includes LRU repair to the Original Equipment Manufacturer (OEM) commercial standards or procurement of like parts from the OEM or qualified second sources. ASDE-X is organized into field replaceable assemblies, factory repairable assemblies and non-repairables. The FAA offers customer service to field sites on a 24 hour per day, 7 days per week through the Customer Care Center at 1-888-322-9824. FAA field sites will requisition items through the Logistics and Inventory System (LIS). Field replenishment requisitions received by the FAALC will be posted directly to the FAALC's Web-based LIS Interface Tool (CDLS). The contractor can

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obtain notification of the requisition by daily monitoring the CDLS website.

1.2 Depot Level Spare Parts and Government Furnished Property

All materials, tools, and test equipment purchased under the CDLS contract required to support the CDLS operation shall be Government Furnished Property (GFP). The contractor shall deliver to the Government the range and quantity of depot level spare parts needed to maintain the ASDE-X system at all sites through the end of the contract. The spare parts shall include quantities of LRUs, expendable items, and consumable items required to ensure ongoing support for the NAS facilities. All field-orderable spare parts (generally classified as LRU, expendable, or consumable) shall be identified and listed in the Government-approved Supply Support Catalog Instruction (SSCI) defining the operating procedure for supply support. The Contractor shall keep the SSCI current based on any changes to the equipment in the field or at the Depot.

The contractor shall maintain, as GFP, the tools, test equipment, and materials required to perform repairs of the field returned assets or shall obtain repair support from external commercial sources. Tools, test equipment and materials required for depot level repairs shall be stocked and maintained at the contractor's depot facility and shall be inventoried during the period of the contract and identified in the Depot Tools, Test Equipment and Materials List. The Government will dispose of the GFP at the end of the contract.

CDRL A001 Supply Support Catalog Instruction (SSCI)

CDRL A004 Depot Tools, Test Equipment, and Materials List

2.0 Program Management and Administration

The Contractor shall establish and maintain an organization to perform the requirements of this contract including, but not limited to, CDLS program management and program control for replenishment of LRUs, sub-assemblies, and parts, quality assurance, configuration management, integrated logistics support, sub-contract management, and management of Government-furnished resources and property.

2.1 Program Manager

The Contractor shall identify a single CDLS Program Manager who shall be responsible for control and coordination of all work performed. The program manager shall have the authority to ensure efficient and timely program execution. The Program Manager shall respond immediately to requests for contract status from the FAA Contracting Officer or the designated representative.

2.1.1 Contractor Points-of-Contact (POCs)

The Contractor shall identify a single point-of-contact (POC) for all communications on program management issues who has the authority to ensure efficient and timely program execution. The Contractor shall identify a single POC for all communications on configuration management issues who has the authority to enforce adherence to

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baselines and control changes. The Contractor shall establish and make available 24-hours per day, seven days per week (24/7) a telephone POC by name or a CDLS help desk who has the authority to ensure same day response to urgent replenishment orders. If the contractor is having difficulty entering the web-based system, they are to contact the IM and a fax of the order will be provided. Each Contractor POC shall respond to requests by the CO or the designated representative for program, configuration, inventory status or requisitions.

2.2 Reporting Requirements

The Contractor shall develop and provide a Consolidated Monthly CDLS Maintenance and Repair Status Summary Report that includes historical information and a running record of detailed repair information for each item managed by the Contractor. As part of the same report, the Contractor shall identify levels of inventory stock at the Contractor's warehouse(s), quantities on order by the Contractor, and the minimum reorder point for each item(s) in short supply either through higher than expected failure rates or longer than expected repair time. The Contractor shall provide sufficient information to analyze piece part stock levels and availability of LRUs as well as usage of LRUs/sub-assemblies.

CDRL A002 Consolidated Monthly CDLS Status Summary Report

2.2.1 ASDE-X Parts Cross Reference Table for Configured LRUs

The ASDE-X Cross Reference Table for Configured and Non-Configured LRUs is an interim requisition tool and means of identifying correct NSN's for configured and non-configured LRUs in the ASDE-X System. The table shall be maintained and updated by the FAALC with information provided by the contractor. The contractor shall provide updated information, to the FAA IM or COTR, for the ASDE-X Cross Reference Table for Configured and Non-Configured LRUs whenever:

- a) the hardware or software configuration of an asset is modified such that the asset is not directly interchangeable with an asset having the previous configuration; or
 - b) new, upgraded, or replacement LRUs are added to the system.
- Updates shall include, but not be limited to the Item No., CAGE Code, Part Number, Item Name, NSN, Reference Designator, and unique details about where the configuration is used (i.e. can only be used in position xx). Updates must be provided in electronic format (i.e. Excel spreadsheet) no later than the day the asset or new configuration is fielded or ready for use.

CDRL A010 ASDE-X Parts Cross Reference Table for Configured LRUs

2.3 Performance Metrics

In addition to the above reporting, the Contractor's performance will be assessed against objective and subjective criteria-based metrics. The Contractor shall collect, analyze and report out on these metrics at each TIM.

Metrics include:

- The Receive Date and Ship Date for each requisition and the Priority - highlighting all late shipments
- Assets that are received by the field that are inoperable and returned back to the vendor
- No fault found monthly totals
- Non returned cores
- Backorders
- End-of-life issues
- Depot stock levels
- Action Items

2.4 Meeting Support

The Contractor shall conduct meetings, audits, and reviews in performance of the tasks addressed in this SOW. The Contractor shall prepare and submit via e-mail draft meeting agendas containing issues to be discussed at least five days in advance of all meetings. After meetings conclude, the Contractor shall submit the meeting minutes via e-mail. Meeting support provided by the Contractor shall include, but not be limited to, providing facilities, materials, office equipment, clerical note taker, technical data, and sub-contractor participation (when requested by the Government).

CDRL A005	Advance Meeting Agenda
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CDRL A006	Meeting Minutes
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2.4.1 Technical Interchange Meetings (TIMs)

The Contractor shall conduct and administratively support TIMs at the Contractor's facility or in Government facilities. During TIMs, the Contractor shall prepare, present and discuss with the FAA specific technical issues including but not limited to replenishment lead times, qualifying Offerors as second sources, LRU usage reports, inventory levels, technical obsolescence studies, end-of-life projections and recommendations, pending Engineering Change Proposals (ECP), proposed configuration management decisions, retrofit status, recommendations for purchases or changes in repair process/policy, and other CDLS concerns. The FAA reserves the right to exercise a TIM once per quarter. The Contractor may also request a TIM and both parties shall make the request no later than fifteen days before the desired date to convene the TIM. For TIMs conducted at the Contractor's facility, the Contractor shall make available to the Government attendees a meeting room and access to telephone, facsimile, and copy machine service.

Note: The Government Contracting Officer's Technical Representative (COTR) may confirm Contractor requests for a TIM within seven days of receipt of the request in time for submittal of the advance meeting agenda. A TIM may be conducted by electronic means or teleconference upon prior mutual agreement of the Contracting Officer (CO) and Contractor.

3.0 Contractor Depot Logistics Support (CDLS) Tasks

The contractor shall utilize the FAALC web-based interface system to receive and process requisitions forwarded by the FAA IM. The contractor shall complete all appropriate interface data fields, providing the required asset and asset return information, as well as any associated shipping information on a daily basis. The contractor shall receive returned assemblies from ASDE-X sites and shall record information regarding the returned item in the web-based requisition interface tool, to include originating site, LRU, and shipping information. The Contractor shall furnish sufficient levels of qualified labor, supervision, direct materials, piece parts, equipment, tools, test equipment, jigs and fixtures, technical data, COTS documentation, configuration management and quality assurance processes, facilities, preservation, packaging, packing, marking, and logistics services required to perform and provide depot level repair and supply support for the ASDE-X component hardware and ancillary equipment. The Contractor shall provide Depot Repair services including but not limited to receiving/issuing, repairing, procuring or replacing hardware Exchange and Repair (E&R) items, expendables, and consumables, and repairing of test items.

3.1 Exchange and Repair (E&R)/Repair and Return (R&R)

LRUs stocked at the contractor's depot facility that are classified as Exchange and Repair (E&R) or in instances where Repair and Return (R&R) is needed, require the requisitioning site to return a like item that is being replaced or repaired (normally as a result of a diagnosed failure). The Contractor shall provide serviceable, repaired, or new identical items directly to field sites in exchange for failed items. E&R items shall be repaired to the extent necessary to restore them to a serviceable condition in which each item is capable of meeting all operational and functional requirements for which it was designed.

3.1.1 Contractor Repair

The Contractor shall repair items to a condition in which they are capable of meeting all operational and functional requirements for which they were designed. The Contractor shall clean, visually inspect, and bench test items to isolate and correct faults. The Contractor shall disassemble items and components as necessary to accomplish repair. The Contractor shall reassemble, calibrate, functionally test, perform inspection and prepare for shipment the serviceable, "ready-for-issue" item or component. The Contractor shall furnish all labor, tools, test equipment, spare/repair parts, expendables, firmware, software, and any other technical or administrative support necessary to provide supply support and depot level repair. The Contractor shall perform any maintenance or component acquisitions needed to maintain the GFP depot parts inventory. All defective Government property that was removed during the repair process will become the property of the FAA. Disposition of removed parts will be at the direction of the Contracting Officer. Additionally, the Contractor shall:

- a) Submit a separate invoice for non-return of core assets on a monthly basis 45 days in arrears. The contractor will invoice in accordance with Schedule B (CLIN 1, 2 and 3). The FAA field facility will ship the repairable assets so that it arrives at the contractor's facility within 45 calendar days of receipt of the replacement assets. If core is not returned to the contractor within 45 calendar days, the FAA will be billed for the priority and the core.
- b) Submit a separate invoice for No Fault Found (NFF) assets on a monthly basis 45 days in arrear. The contractor shall invoice in accordance with Schedule B (CLIN 1, 2 and 3). A NFF is when the vendor receives an asset from a FAA facility that is supposed to be defective, but no failure is found and the asset is returned to serviceable stock.
- c) For items Beyond Economical Repair (BER) but subject to repair at the determination of the Contracting Officer/Contractor, pricing will be determined on a case-by-case basis. The contractor shall prepare/submit a written proposal specifying the description of parts/labor and their required proposed cost for work required which is considered as outside the scope of repair. Negotiations will be completed prior to commencement of work. Written authorization to proceed on work for the over and above repair must be received by the contractor from the Contracting Officer prior to performance. Pricing will be billed under the associated NSN's CLIN identified in Section B.
- d) Pay transportation costs from the site to the depot facility for the return of failed components. The contractor will ship the asset to the FAA field activity and include a prepaid return shipping label to return the failed asset to the contractor.
- e) Perform inventory management of spare parts and asset tracking at the depot to include serial numbers, parts numbers, and acquisition costs of each item.
- f) Provide shipping container and return instructions to sites for the return of components to the depot.
- g) Ship components to vendors and monitor repair and turn around of items.
- h) Manage vendor repair and supply contracts.
- i) Manage configuration of spare parts to the degree needed to ensure that correct components are shipped to sites and product baselines are not compromised.
- j) Administer warranties for spare parts.
- k) Perform depot level repair of parts/components.
- l) Provide the disposition for failed parts (repair versus discard) and provide guidance when requested from the sites.
- m) Provide all necessary data to establish NSN's for all field orderable parts to include separate NSN's for depot configured parts if required per Logistics Management Information (LMI), CDRL and DID's.
- n) Provide status reports to the government.

- o) Utilize the CDLS website as the means for responding to site requisitions for spares.
- p) Utilize the FAA Logistics Center website as the means of receiving supply requests and inputting shipping and core return data between the Logistics Center and the Sensis Depot. Telephone or facsimile may be used as a secondary means of transferring the data, if the website is unavailable.
- q) Provide End of Life (EOL) / End of Service (EOS) supportability recommendations.
- r) Ensure that spares are managed, stored and tracked at the sub-CLIN/project level.

3.1.2 Testing, Inspection, and Acceptance

The contractor shall conduct testing, inspection, and final acceptance of repair items in accordance with the production, test, inspection, and acceptance requirements of FAA-STD-1293C and this SOW. Technical action requests, acceptance test procedures, and test data forms shall require the prior approval of the Government. The contractor shall make available all depot level limits and tolerances for each individual LRU. These are criteria the contractor uses to validate the satisfactory operation of each individual LRU.

3.1.3 Piece Parts

The Contractor shall furnish all components, piece parts, and materials required to repair the LRUs as part of the CDLS effort.

3.1.4 Expendables Items / Exchange and Repair (E&R)

The Contractor shall furnish all expendables and E&R items identical in form, fit, and function to the original item to support the repair, restoration, and periodic maintenance of ASDE-X service. OEM items that incorporate hardware/software baseline modifications to correct deficiencies may be used to replace existing items only if the modifications do not:

- 1) degrade performance; or,
- 2) introduce incompatibilities with the ASDE-X elements; or,
- 3) impact the functions performed by, or degrade the performance of, the supplied software.

The FAA, at their discretion, may identify and assume responsibility to furnish certain expendables or E&R items.

Consumables are not supported as defined in definition 4.1.

3.1.5 Warranty

The Contractor shall warrant items supplied as part of this CDLS contract to be free from defects in material and workmanship and will perform as intended for a period of time that is commensurate with the Contractor's or Offerors standard commercial warranty and not less than 90 days, whichever is greater.

3.1.6 Contractor Support Transition Plan

The contractor shall prepare, submit for FAA review and approval, and subsequently implement a Contractor Support Transition Plan (CSTP). The CSTP establishes the procedures and means for the orderly transfer of the system support activities from the contractor to the FAA (CDRL A007). The contractor shall ensure the CSTP details the activities the contractor undertakes to assure a smooth transition from contractor to FAA operations, and the preparations, facilities, and knowledge, skills and abilities of personnel that the FAA will require to assume responsibility for the conduct of all services provided under CDLS. The contractor shall ensure the CSTP recommends the time required to ensure a smooth transition with minimal interruption to repair activities. The CSTP shall be submitted in Government-approved format and shall include, but not be limited to:

- a) Any formal/OJT training/familiarization required to support the repair functions;
- b) Activities, procedures and schedules for any necessary refurbishment, calibration, and acceptance of GFE/GFP/Contractor Acquired Property (CAP) prior to return to the FAA;
- c) The detailed plan for shipment, installation, and checkout of any GFE/GFP/CAP at the designated FAA facility;
- d) The duration and type of contractor support required, if any, at the FAALC facilities during the depot repair startup;
- e) The disposition and physical inventory of lay-in stock, to include all accounting records;
- f) Operating methods to be employed to assure repair services during the transition period;
- g) Method or procedure of transitioning management of the Contractor/OEM repair contracts to the FAA;
- h) An estimated cost (based on the contractor's prior experience) of managing contractor repair subcontracts for the life cycle of the system;
- i) Any recommendations for additional equipment, processes, and documentation that would be beneficial to the FAALC operation of the transitioned CDLS.
- j) Software Support Environment (SSE), System Test Facility (STF), and related documentation; and tools required to support and maintain the ASDE X.

CRDL A007 will be optional and may be exercised at any time during the contract, at the convenience of the FAA.

CDRL A007 Contractor Support Transition Plan

3.1.7 Option for FAALC Supply Support

FAA reserves the right to remove parts from the CDLS contract or provide concurrent support for any CDLS item (E&R, Expendable, Piece Part, ect.) and provide supply support for these items at the FAALC if it is deemed in the best interest of the Government.

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3.1.8 Packaging, Handling, Storage and Transportation

- a) All components and equipment with a consignee other than the FAALC shall be preserved, packaged, and packed to American Society for Testing and Materials ASTM-D-3951, "Standard Practices for Commercial Packaging".
- b) All components and equipment consigned to the FAALC shall be individually packaged to American Society and Testing and Materials ASTM-D-3951 (packaging). Performance testing of packaging will be in accordance with ASTM-D-4169 assurance level II distribution cycle 18.
- c) Pack E&R items in reusable containers.
- d) Pack Electrostatic Discharge Sensitive items in accordance with ASTM-D-5077, Standard Terminology Relating to Electrostatic Discharge (ESD) Packing Materials.
- e) Each unit, intermediate and exterior shipping container shall be marked with the following information:
 - National Stock Number (NSN)
 - Serial Number
 - Part Number
 - Original Equipment Manufacturer (OEM) or CAGE Code
 - Warranty Expiration Date
 - Contract Number
- f) Components, equipment, and spares shall be transported by the most economical means considering requisitioning priority, traceability, dependability, safety, and the use of the least costly mode meeting these considerations.

3.1.9 Logistics Management Information (LMI)

The contractor shall maintain an LMI (Logistics Management Information) Program IAW the procedures outlined in MIL-PRF-49506. The LMI Data Product shall represent the physical top-down breakdown system design configuration including systems, subsystems, components, assemblies, subassemblies, support and test equipment, and training equipment required by the ASDE-X. Data submitted shall be to the component level for all developmental items and to the LRU level for all commercial off-the-shelf (COTS) and non-developmental items. Any modification to a COTS item may disqualify it as COTS and may require LMI data to the component level. The contractor must ensure the LMI identifies logistics resources for support of the system at all levels of maintenance. The contractor shall provide no later than 30 days after Government request CDRL A008.

CRDL A008 will be optional and may be exercised at any time during the contract, at the convenience of the FAA.

CDRL A008 Logistics Management Information (LMI)**3.1.10 Spare Parts Acquisition**

The contractor shall offer the ability for the Government to purchase and deliver LRUs listed in Section B as Spare Parts Acquisition items. Spare Parts Acquisition items shall be form-fit-function compatible

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with, and shall be delivered and marked according to section 3.1.8 in the SOW

3.2 Requisitioning Procedures

The Contractor shall provide adequate information technology resources and support to access the FAALC Web-Based Logistics and Inventory System (LIS) Interface Tool, including at a minimum a computer capable of providing an Internet connection with Microsoft Internet Explorer 4.0 or greater or Netscape 4.0 or greater. The Contractor shall monitor the FAALC Web-Based LIS Interface Tool, E&R shipping Information Website on a daily basis to receive notification of replenishment requests and as a call to confirm requisitions with the FAA Item Manager (IM).

The Contractor shall, at a minimum, monitor the Web-Based LIS Interface Tool for notification of requisitions during standard working hours defined as 0800 AM to 1630 PM central standard time (CST), Monday through Friday, federal holidays excluded. The Contractor shall provide to the Government COTR names and telephone numbers of the designated Contractor POC(s) who can be contacted at any time in the event that immediate shipment of an item to a site is required at any time outside of the listed standard working hours. The Contractor shall complete all appropriate interface data fields, provide the required item and failed item return information, as well as any associated shipping information on the same day notification of a request is received. The Contractor shall seek authorization from the FAALC Item Manager (IM) in advance of shipment in response to field requisitions by an authorizing phone call, FAX or an electronic transmittal of the requisition from the FAALC IM.

Priority desk telephone service from the FAALC Customer Care Center at 1-888-322-9824 augments on-line requisitioning. The FAA offers customer service to field sites on a 24 hour per day, 7 days per week basis. Field replenishment requirements received by the FAALC will be posted directly to the FAALC's Web-Based LIS Interface Tool. Advance Contractor notification of replenishment requests may be obtained daily through monitoring of the FAALC's Web-Based LIS Interface Tool.

When the Contractor receives returned items from sites, the Contractor shall record configuration information regarding the returned item in the Web-Base LIS Interface Tool including originating site, LRU identification, and shipping information. The Contractor shall process requisitions for non-catalogued parts in the same manner as for parts that can be identified by a National Stock Number. The Contractor shall identify to the Government COTR when three or more non-catalogued requisitions have been received for a given part number in order for the FAA to consider assigning an NSN. The Contractor shall provide a return authorization document for each shipment. The Contractor shall track the return of the repairable items and advise the FAALC IM of non-receipt after thirty days.

3.3 Logistics Priorities and Response Time

The Contractor shall perform replenishment action in accordance with the following definitions of priority upon notification from the Government:

Priority 1 - This priority is required when an extreme emergency condition exists and will be used when either the prime or standby equipment are inoperative or when a facility is operating at reduced performance which adversely affects traffic control operations. The Contractor shall ship Priority 1 items by traceable means to the designated facility within 24 hours after receipt of notification by the FAALC IM or Customer Care Center (CCC) representative including nights and weekends.

Priority 2 - This priority is required when an emergency condition is determined to exist. This condition exists when a facility is operating with substandard equipment or other operating conditions indicate imminent facility failure or outage. The Contractor shall ship Priority 2 items Door-to-Door, Next-Day Air Express, to designated facilities within 48 hours after receipt of notification by the FAALC IM or CCC representative.

Priority 5 - This priority is used for a routine requirement or stock replenishment. The Contractor shall ship Priority 5 items to the designated facility with eight calendar days after receipt of notification by the FAALC IM or CCC representative.

Sites will return failed parts to the Contractor within 45 business days of having received a spare from the Contractor.

3.4 Quality Assurance Program

The Contractor shall maintain an inspection system and shall provide controls to assure that all inspections are performed in accordance with contract requirements and that all inspection data is current, accurate, and complete. The Contractor shall maintain a record-keeping function to provide objective evidence of the inspection operations performed. The FAA may perform reviews and evaluations in order to determine compliance.

All Contractor products and deliverables shall be subject to Government review and be readily available for inspection, analysis or demonstration to assure that they fully satisfy existing FAA specifications and requirements.

3.4.1 Offerors Repaired and Offerors New Items Quality Assurance

As ordered by the Government, the Contractor shall perform tests to screen and validate 100% of all new or repaired items prior to issue when the FAA determines that previously supplied parts of that type have suffered less than adequate operation in the field.

3.4.2 Contractor Repaired Items Quality Assurance

The Contractor shall exercise best commercial practices in repairing COTS items in accordance within the vendor's commercial repair standards as documented in the supplied COTS documentation, or from documentation on the vendor's website. The Contractor shall perform a complete failed item analysis on all failed items, report the causes,

and suggest repair procedure improvements to the FAA at the scheduled TIMs.

3.4.3 Audit of the Inventory of Government Property

The Contractor shall perform annual physical inventories of all Government Property.

CDRL A003 Physical Inventory Report

3.4.4 Common Spares Management

In the event that a program has insufficient quantities of a spare that is common (form, fit and function identical) to another program on this contract, and the priority of the requisition is high, the Contractor may request from the Government COTR a temporary borrowing of a common spare until it can be replenished. If the remaining quantities of common spares are sufficient to meet projected program needs, the Contractor may recommend to the Government COTR that inventory quantities be adjusted to reflect a permanent transfer of that spare. Government COTR direction will be provided on the disposition of the common spare.

3.5 Parts Obsolescence

The Contractor shall evaluate End of Life (EOL), End of Service (EOS) issues as part of the CDLS support of the ASDE-X in order to predict the adequacy of depot spares quantities and the availability of spares. The evaluation shall identify purchases or changes in repair policies in a timely fashion to ensure part availability of the component and ensure viable support of all commercial components and products for the projected life of the ASDE-X.

3.5.1 OEM Second Sources, Site Licenses and Data Rights

The Contractor shall identify second sources beyond the OEM for identical items to assure on-demand supply. The Contractor shall obtain site licenses from the OEM for FAA use of COTS products at all sites for which the OEM asserts restricted usage rights. When updates or changes to products occur, the Contractor shall coordinate with ASDE-X Operations Support (AJW-148) within 5 days of discovery to ensure product compatibility and to provide technical support for developing the necessary engineering change proposal (ECP).

3.5.2 Replacements When Identical Parts Become Unavailable

The Contractor shall notify the FAALC IM and the Government COTR no later than five days after discovering that an item(s):

- (1) is no longer manufactured and cannot be procured from known sources; or
- (2) that a source may soon be out of business; or
- (3) that an item is no longer repairable because the piece parts used to repair are no longer available; or
- (4) will be replaced by a non-identical item

The Contractor shall identify options for non-identical replacement items when identical items become unavailable and repair is no longer feasible. The Contractor, in coordination with ASDE-X Operations Support, shall ensure that proposed replacements are form, fit, and

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function compatible with respect to operation and to the original parts identified in the approved system baseline. The Contractor shall propose non-identical items that meet the requirements of the original system performance with respect to electrical requirements, operating environment, noise levels, and radiation hazards. The Contractor shall provide full technical data, drawings, and test results in support of assertions of form, fit, function replacement suitability to the Government COTR in order to assist ASDE-X Operations Support demonstrate that the replacement parts do not degrade performance, introduce incompatibilities to the normal operation of system elements, impact the functions performed, or degrade performance of the operating system, application software or interfaces. The Contractor shall provide a complete cost estimate including options for fabrication/procurement, installation, retrofit and life cycle maintenance of proposed non-identical items. The Contractor shall notify the Government COTR of licensing and data rights restrictions and proprietary claims associated with any proposed non-identical item. The Contractor shall not replace items with non-identical items without prior approval by the Contracting Officer.

3.6 NAS System Identification Report

The Contractor must prepare a NAS System Asset Identification Report, CDRL A009, to identify all ASDE-X bar coded assets. The Contractor must use a data matrix barcode as specified in the FAA Asset Identification Process and Procedure Guide (Appendix A), to identify contract assets at the Lowest Replaceable Unit level. The Contractor is to use an FAA asset management system or equivalent COTS package to manage the contract asset detail data for each category of asset from point of acquisition to production and delivery. For each LRU bar coded asset, the Contractor must provide the information as specified in Appendix A.

The Contractor shall also provide the system-level data such as

1. Major System Components or Enclosures,
2. Component/Enclosure Descriptive Data,
3. System Configuration, and
4. Any other associated data

CDRL A009 NAS System Asset Identification Report

4.0 Definitions

4.1 Consumable

Material used during Contractor Depot Logistics Support actions that are totally expendable and have no material or residual value left after use.

4.2 Contracting Officer (CO)

The single government employee who possesses the authority to enter into, administer (change or modify), or terminate the contract.

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4.3 Contracting Officer's Technical Representative (COTR)

The CO may designate other Government personnel (known as the Contracting Officer's Technical Representative) to act as his or her authorized representative for contract administration functions which do not involve changes to the scope, price, schedule, or terms and conditions of the contract. The designation will be in writing, signed by the CO, and will set forth the authorities and limitations of the representative(s) under the contract. Such designation will not contain authority to sign contractual documents, order contract changes, modify contract terms, or create any commitment or liability on the part of the Government different from that set forth in the contract.

4.4 Contractor

All references to "Contractor" are a reference to the prime (Program CDLS Contractor)

4.5 Contractor Depot Logistics Support (CDLS)

Support by which the Contractor shall furnish all required labor, facilities, materials and equipment (except Government-furnished), indirect material, and preservation, packaging, packing and marking required to provide depot level repair and supply support to the system. System support includes: depot repair, integrated logistics support/configuration management, E&R and R&R of Floor Replaceable Units (FRUs), LRUs, fabrication and/or procurement of LRUs, repair procedures, engineering change proposals, and technical assistance/engineering services, as required in accordance with the terms and conditions of the contract.

4.6 Exchange and Repair (E&R) Items

A LRU, except expendables, that when unserviceable, is returned to the Contractor after a serviceable replacement is received on-site. The designation of an item of supply as E&R indicates the logistics status assigned for inventory management purposes rather than the physical condition of an item. A serviceable item is sent from the Contractor to the FAA field facility upon request and an unserviceable item is returned to the repair facility (Contractor) in exchange for the serviceable item, unless otherwise authorized. In most cases these items will consist of critical supply LRUs (i.e., high value and/or special manufacture).

4.7 Expendable Item

Hardware LRU, except E&R, that can be removed and replaced to restore the system. An expendable LRU possesses characteristics, qualities, and low cost that makes it uneconomical to restore the defective LRU.

4.8 FAA Item Managers (IM)

The Item Manager at the FAALC is the point of contact who controls requisitions and supply levels of equipment, parts, and supplies between depot and field and who authorizes the CDLS Contractor to issue Government property from the CDLS depot.

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4.9 FAALC Customer Care Center (CCC) Representative

The FAALC Customer Care Center Representative expedites high priority replenishment requests by assisting the IM to notify the CDLS Contractor of urgent needs, to expedite authorization for shipment, and help close the loop on investigating and resolving unsatisfactory replenishment actions, concerns, and complaints.

4.10 Government Furnished Property (GFP)/Government Furnished Equipment (GFE)

Property in the possession of or directly acquired by the Government and made available to the Contractor.

4.11 Government Furnished Material (GFM)

GFM are materials such as consumable items or bulk items that are owned by the Government and provided to the Contractor. The Contractor shall use GFM as defined in the contract for the purpose of the contract. The nature of GFM is that it is consumed during its use so that it cannot be maintained. The Contractor shall account for GFM and will report the quantities of remaining GFM at the end of the contract period to the contracting officer. Examples of GFM are tape cartridges, light bulbs, flight strip paper, fuses, etc.

4.12 Government Property

All property owned or leased by the Government under the terms of the contract, includes GFP, GFM, and contract acquired property.

4.13 Logistics and Inventory System (LIS)

LIS is the computer operating system for materiel management and supply support within FAA.

4.14 Lowest Replaceable Unit or Line Replaceable Unit (LRU)

A LRU is an essential, support item that is removed and replaced at the site maintenance level to restore the system to operational condition. A LRU can be a repairable item, expendable item, or a consumable item.

4.15 Repair and Return (R&R)

Items similar to E&R except that the unserviceable item is shipped to the repair facility (contractor), is repaired to a serviceable condition and returned to the FAA facility that sent the item in for repair, or as directed by the FAALC inventory manager. R&R is normally used only when serviceable assets are not available for an E&R transaction.

4.16 Repairable

The condition of an item, which can be returned to service after repair or rework in accordance with procedures, tolerances and limits established by the overhaul and repair instructions issued by the manufacturer.

4.17 Serviceable

This describes the condition of an item in a good state of preservation and which can be placed in service. Minor cosmetic defects have no impact on an item's serviceability.

4.18 Site Spare Parts

Site spares are parts / components of a system that reside in storage at a site or depot for the purpose of system repair that restore system function or service. Site spares are a source of serviceable components used to restore a system to a serviceable condition. They are not attached to nor do they function as part of the system until installed as a maintenance action. Spare parts may be repairable or expendable. In many cases, major system components, such as monitors, processors, console display generators, and flight strip printers, reside at the site and depot as spare parts.

4.19 Technical Operations (TO) Personnel at Sites

FAA Technical Operations personnel who are responsible for maintenance and certification of the system constitute "customers" who initiate requests for replenishment items electronically via the LIS system or with human assistance via the Customer Care Center. TO personnel at the sites inspect the configuration and operational status of replenishment items upon receipt and provide the failed items back to the CDLS Contractor.

4.20 Test

An inspection, analysis, demonstration, or test to check equipment in its operational environment using equipment, procedures, and tolerances specified in applicable authorized manufacturer publications, manuals, specifications, technical orders or FAA authorized changes to procedures and limits.

4.21 Vendor

Within the scope of this CDLS contract, vendor is a reference to any sub-contractor of the prime Contractor.

5.0 Applicable Documents

- ASDE-X Performance Specification (Number of Specification)
- ~~ASDE-X Technical Instruction Book 6630.9~~
- ASDE-X Support/Test Equipment Manuals
- ASDE-X System User's Manual (SUM)
- ASDE-X COTS Documentation
- FAA Asset Identification Process and Procedure Guide
- FAA Logistics Center (FAALC) Contractor Depot Support System (CDLS) User Guide dated October 2008 - Explains how the Contractor can monitor failed part requests from the field by Internet
- FAA Logistics Center Standard, FAA-STD-1293c, Servicing Standards and Test Requirements for Ground Electronic Equipment, dated February 10, 1998
- FAA Order 4633.1, Physical Inventory

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- ASTM-D-3951, Standard Practices for Commercial Packaging
- MIL-STD-2073-1, DOD Material Practices for Development and Application of Packaging Requirements
- FAA Order 4250.9B, Field Material Management and Control.
- FAA-STD-1293C, Servicing Standards and Test Requirements for Ground Electronic Equipment

ACRONYMS

BIT	Built-In-Test
CDLS	Contractor Depot Logistics Support
CO	Contracting Officer
COTR	Contracting Officer's Technical Representative
CCB	Configuration Control Board
CCC	Customer Care Center
CST	Central Standard Time
DIDs	Data Item Descriptions
ECP	Engineering Change Proposal
ESD	Electrostatic Discharge
EOL	End of Life
EOS	End of Service
E&R	Exchange and Repair
FRU	Floor Replaceable Unit
GFM	Government Furnished Material
GFP	Government Furnished Property
IM	Item Manager
LRUs	Lowest Replaceable Units
LIS	Logistics and Inventory System
NSN	National Stock Number
OEM	Original Equipment Manufacturer
POC	Point of Contact
R&R	Return and Repair
SOW	Statement of Work
SSCI	Supply Support Catalog Instruction
SUM	System User's Manual
TIMs	Technical Interchange Meetings
TO	Technical Operations

PART III - SECTION J**LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS****ATTACHMENTS**

Attachment A - FAA Asset Identification Process and Procedure Guide
 Attachment B - ASDE-X Waterfall Schedule with CDLS Dates 100414

CONTRACT DATA REQUIREMENTS LIST (CDRLs)

A001	Supply Support Catalog Instruction
A002	Consolidated Monthly CDLS Status Summary Report
A003	Physical Inventory Report

A004	Depot Tools and Test Equipment List
A005	Advance Meeting Agenda
A006	Meeting Minutes
A007	Contractor Support Transition Plan
A008	Logistics Management Information (LMI)
A009	NAS System Asset Identification Report
A010	ASDE-X Parts Cross Reference Table for Configured LRUs

DATA ITEM DESCRIPTION (DIDs)

A001	Supply Support Catalog Instruction
A002	Consolidated Monthly CDLS Status Summary Report
A003	Physical Inventory Report
A004	Depot Tools and Test Equipment List
A005	Advance Meeting Agenda
A006	Meeting Minutes
A007	Contractor Support Transition Plan
A008	Logistics Management Information (LMI)
A009	NAS System Asset Identification Report
A010	ASDE-X Parts Cross Reference Table for Configured LRUs

ASDE-X Attachment B

DRAFT Accelerated Schedule

ASDE-X Waterfall

(As of April 14, 2010)

#	ID	Region	Airport	Antenna	Delivery	IOC	ORD	CDLS	ICDLS	Est. Trans. Date
1	MKE	AGL	General Mitchell International Airport (Milwaukee, WI)	SMR	3/12/02	6/5/03	10/30/03	X		
2	MCO	ASO	Orlando International Airport	SMR	9/25/03	9/1/04	9/30/04	X		
3	PVD	ANE	Theodore Francis Green State Airport (Providence, RI)	SMR	12/1/03	7/2/04	5/16/05	X		
4	HOU	ASW	William P. Hobby Airport (Houston, TX)	SMR	10/29/04	8/4/05	8/31/05	X		
5	SEA	ANM	Seattle-Tacoma International Airport	SMR	12/23/04	1/27/06	2/24/06	X		
6	STL	ACE	Lambert-St. Louis International Airport	SMR	12/3/03	10/21/04	5/24/06	X		
7	ATL	ASO	Hartsfield-Jackson Atlanta International Airport	SMR	7/11/05	5/5/06	6/7/06	X		
8	BDL	ANE	Bradley International Airport (Hartford, CT)	SMRie	3/14/05	6/7/06	6/21/06	X		
9	SDF	ASO	Louisville International Airport-Standiford Field	ASDE-3	3/8/04	3/11/07	7/19/07	X		
10	ORD	AGL	Chicago O'Hare International Airport	ASDE-3	3/26/07	7/29/07	8/29/07	X		
11	CLT	ASO	Charlotte Douglas International Airport	ASDE-3	1/13/04	7/6/07	8/30/07	X		
12	IAD	AEA	Washington Dulles International Airport	SMRit	12/20/05	2/15/08	4/1/08	X		
13	DTW	AGL	Detroit Metro Wayne County Airport	ASDE-3	5/16/07	6/28/08	8/13/08		X	8/14/10
14	PHX	AWP	Phoenix Sky Harbor International Airport	2 SMRit	4/19/07	8/6/08	9/18/08		X	9/19/10
15	JFK	AEA	John F. Kennedy International Airport	ASDE-3	1/4/08	8/28/08	10/9/08		X	10/10/10
16	LAX	AWP	Los Angeles International Airport	2 ASDE-3	2/23/06	9/8/08	1/29/09		X	1/30/11
17	FLL	ASO	Ft. Lauderdale/Hollywood Airport	SMR	11/6/07	9/9/08	10/7/08		X	10/8/10
18	BOS	ANE	Boston Logan International Airport	ASDE-3	5/17/08	5/19/09	7/23/09		X	7/24/11
19	EWR	AEA	Newark International Airport	ASDE-3	10/12/07	5/12/09	7/15/09		X	7/16/11
20	DEN	ANM	Denver International Airport	2 ASDE-3	9/25/08	10/8/09	Nov-09		X	11/8/11
21	IAH	ASW	George Bush Intercontinental Airport	2 ASDE-3	8/13/08	7/22/09	10/19/09		X	10/20/11
22	PHL	AEA	Philadelphia International Airport	ASDE-3	4/29/08	11/18/09	12/18/09		X	12/19/11
23	MSP	AGL	Minneapolis-St. Paul International Airport	ASDE-3	2/2/09	12/11/09	Jan-10		X	1/11/12
24	SNA	AWP	John Wayne-Orange County Airport	SMRit	4/20/09	1/14/10	2/23/10		X	2/24/12
25	DFW	ASW	Dallas/Ft. Worth International Airport	2 ASDE-3	11/10/08	1/12/10	2/26/10		X	2/27/12
26	SLC	ANM	Salt Lake City International Airport	ASDE-3	03/16/09	1/20/10	Feb-10		X	2/20/12
27	BWI	AEA	Baltimore-Washington International Airport	ASDE-3	May-09	Apr-10	May-10		X	5/30/12
28	MDW	AGL	Chicago Midway Airport	SMRit	08/13/09	Jun-10	Jul-10		X	7/30/12
29	HNL	AWP	Honolulu International - Hickam AFB Airport	SMRit	8/18/09	May-10	Jun-10		X	6/30/12
30	MIA	ASO	Miami International Airport	ASDE-3	10/20/08	7/29/09	8/26/09		X	8/27/11
31	DCA	AEA	Ronald Reagan Washington National Airport	ASDE-3	9/14/09	Jun-10	Jul-10		X	7/30/12
32	SAN	AWP	San Diego International Airport	ASDE-3	12/16/09	Aug-10	Sep-10		X	9/30/12
33	LGA	AEA	New York LaGuardia Airport	SMRit	10/01/09	Oct-10	Nov-10		X	11/30/12
34	LAS	AWP	Las Vegas McCarran International Airport	SMR	06/17/09	Apr-11	May-11		X	5/30/13
35	MEM	ASO	Memphis International Airport	SMR	Aug-07	Apr-11	May-11		X	5/30/13
T1	ICDLS		Test & Interim Contractor Depot Logistics Support (ICDLS) - Syracuse [Oklahoma City - FAA Logistics Center (AML Depot)]		10/16/01	N/A			X	
T2	PSF		Oklahoma City - NAS Engineering Program Support Facility (PSF)		2/27/04	N/A			X	
T3	ACA		Oklahoma City - Academy		6/10/04	N/A			X	
mm/dd/yy = actual										

#	ID	Region	Airport	Antenna	Delivery	IOC	ORD	CDLS	ICDLS	Est. Trans Date
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Note: The LGA, MEM, and LAS ASDE-X deployments are not included in the accelerated schedule. The LGA and MEM schedules are dependent on and aligned with their respective new airport traffic control tower schedules. The LAS ASDE-X deployment schedule changed due to the planned new airport traffic control tower; the FAA is now implementing an ASDE-X surface movement radar on a remote tower at LAS.

CONTRACT DATA REQUIREMENTS LIST (CDRL)					Page 1 of 1	
A. Contract line Item No.		B. Exhibit n/a		C. Category (Check appropriate one) TDP <input type="checkbox"/> TM <input type="checkbox"/> Other <input checked="" type="checkbox"/>		
D. System/Item ASDE-X		E. Contract/PR No.		F. Contractor		
1. Data Item No. A001		2. Title of Data Item Supply Support Catalog Instruction (SSCI)		3. Subtitle		
4. Authority		5. Contact Reference SOW paragraph 1.2		6. Requiring Office AJW-161		
7. DD 250 Req'd no	8. APPROVAL Code A	9. Distribution Statement Required NA		10. Frequency As Required	11. As of Date (AOD) 0	
12. Date of First Submission See Blk 14		13. Date of Subsequent Submission As Required		15. Distribution		
14. REMARKS: Blk 8 - Government has 10 working days to review, comment, and/or approve submissions. If rework is required, contractor has 10 days after receipt of changes/redlined versions to make corrections and resubmit for review and approval. Blk 12 - Submit NLT 30 working days after request for information. Blk 15 - All electronic deliveries shall be without restrictions that would prevent the Government from reproducing or editing the information. The format shall be for MS-Windows in MS Excel.				a. Addressee	b. Draft Copies	c. Final Reg. Copies Repro
				AJW-161	1 ea	1 ea 0
				JIL	1 ea	1 ea 0
				AML-2000	1 ea	1 ea 0
				16. Total	3	3 0
G. Prepared By:		H. Date		I. Approved By Contracting Officer		J. Date
17. Price Group na		18. Estimated Total Price na				

DATA ITEM DESCRIPTION			
1. Supply Support Catalog Instruction (SSCI)		2. IDENTIFICATION NUMBER FAA-CDLS-A001	
3. DESCRIPTION/PURPOSE The SSCI instruction shall be an operating procedure for supply support. The instruction shall be the guidance document for FAA Technical Operations personnel and include a General Site Spare Parts Listing of field-orderable parts. The separate lists of Site Spare Parts, classified as Specific Site Spares and Specific Depot Spares, are provided for Program Office and FAA Logistic Center use only.			
4. APPROVAL DATE 10 Working Days After Receipt	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. SOW paragraph 1.2	6b.
7. APPLICATION/INTERRELATIONSHIP The SSCI is required by paragraph 1.2 in the SOW to evaluate the ASDE-X supply support process.			
8.	9a.	9b.	
10. PREPARATION INSTRUCTIONS A. <u>Supply Support Procedure</u> 1. The instruction shall provide standard operating procedures for site personnel to obtain supply support and include a General Site Spare Parts Listing IAW DID Paragraph 10.A.2. The instruction shall provide a process for sites to requisition and return spares to the contractor facility/ The instruction shall provide Contractor points of contact, phone numbers and addresses. The FAA shall have approval authority of the maintenance instruction. 2. General Site Spare Parts Listing a. The list in the instruction shall contain all field-orderable spare parts (generally classified as Exchange and Repair (E&R), "expendable" or "consumable". The list shall be arranged in a top down breakdown sequence by major assembly. Under each major assembly, the Contractor shall list the E&R parts, expendables or consumables used in repair of the system. The Contractor shall keep the list of field-orderable spare parts current based on any changes to the equipment in the field or at the Depot. B. <u>Specific Site Spares List</u> This list shall contain a complete parts list, identifying the quantities of each part at each site. The list shall designate parts as Exchange and Repair (E&R), "expendable" or "consumable" and shall list the item name, Contractor and Government Entity (CAGE) code, part number, National Stock Number (NSN), and unit price for each part. The Specific Site Spare List shall be provided to the program office and the FAA Logistics Center. C. <u>Specific Depot Spares List</u> This list shall contain a complete list of depot level repairables, expendables, and consumables; the recommended quantities and the on-hand quantities for each. The list shall include the item name, Serial Number (if applicable), CAGE code, part number, OEM part number, OEM CAGE code, NSN, and unit price for each part. The Specific Depot Spares List shall be provided to the program office and the FAA Logistics Center. The documents identified in this instruction shall be provided in electronic medium in Microsoft Office suite.			

DATA ITEM DESCRIPTION			
1. Supply Support Catalog Instruction (SSCI)		2. IDENTIFICATION NUMBER FAA-CDLS-A001	
3. DESCRIPTION/PURPOSE The SSCI instruction shall be an operating procedure for supply support. The instruction shall be the guidance document for FAA Technical Operations personnel. The separate Depot Spares List is for Program Office and FAA Logistic Center use.			
4. APPROVAL DATE 10 Working Days After Receipt	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. SOW paragraph 1.2	6b.
7. APPLICATION/INTERRELATIONSHIP The SSCI is required by paragraph 1.2 in the SOW to evaluate the ASDE-X supply support process.			
8.	9a.	9b.	
10. PREPARATION INSTRUCTIONS The instruction shall provide standard operating procedures for site personnel to obtain supply support. The instruction shall provide a process for sites to requisition and return spares to the contractor facility. The instruction shall provide Contractor points of contact, phone numbers and addresses. The FAA shall have approval authority of the maintenance instruction. Site Spares List The instruction shall provide a complete parts list, identifying the quantities of each part at each site. The list shall designate parts as Exchange and Repair (E&R), "expendable" or "consumable". The list shall be arranged in a top down breakdown sequence by major assembly. Under each major assembly, the Contractor shall list the E&R parts, expendables or consumables used in repair of the assembly. The SSCI shall list the item name, Contractor and Government Entity (CAGE) code, part number, National Stock Number (NSN), and unit price for each part. Depot Spares List The SSCI shall contain a separate Depot Spares List that shall be provided to the program office and the FAA Logistics Center. The Depot Spares List shall provide a complete list of depot level repairables, expendables, and consumables; the recommended quantities and on hand quantities for each. The SSCI shall list the item name, Serial Number (if applicable), CAGE code, part number, OEM part number, OEM VAGE code, NSN, and unit price for each part. The instruction shall be provided in electronic medium in Microsoft Office suite.			

CONTRACT DATA REQUIREMENTS LIST (CDRL)						Page 1 of 1	
A. Contract line Item No.		B. Exhibit n/a		C. Category (Check appropriate one) TDP <input type="checkbox"/> TM <input type="checkbox"/> Other [X]			
D. System/Item ASDE-X		E. Contract/PR No.		F. Contractor			
1. Data Item No. A002		2. Title of Data Item Consolidated Monthly CDLS Status Summary Report			3. Subtitle		
4. Authority		5. Contact Reference SOW paragraph 2.2			6. Requiring Office AJW-161		
7. DD 250 Req'd no	8. APPROVAL Code A	9. Distribution Statement Required NA		10. Frequency Monthly	11. As of Date (AOD) 0		
12. Date of First Submission See Blk 14		13. Date of Subsequent Submission See Blk 14			15. Distribution		
14. REMARKS: Blk 8 - Government has 5 working days to review, comment, and/or approve submissions. If rework is required, contractor has 5 days after receipt of changes/redlined versions to make corrections and resubmit for review and approval. Blk 12 – Submit NLT 15 working days after the first of the month. Blk 13 – Submit NLT 15 working days after the first of each month. Blk 15 – All electronic deliveries shall be without restrictions that would prevent the Government from reproducing or editing the information. The format shall be for MS-Windows in MS Excel.				a. Addressee	b. Draft Copies	c. Final Reg. Copies Repro	
				AJW-161	1 ea	1 ea	
				JIL	1 ea	1 ea	
				AML-2000	1 ea	1 ea	
				16. Total			3
G. Prepared By:		H. Date		I. Approved By Contracting Officer		J. Date	
17. Price Group na				18. Estimated Total Price na			

DATA ITEM DESCRIPTION			
1. TITLE CONSOLIDATED MONTHLY CDLS STATUS SUMMARY REPORT		2. IDENTIFICATION NUMBER FAA-CDLS-A002	
3. DESCRIPTION/PURPOSE The Consolidated Monthly CDLS Status Summary Report provides historical information and a running record of repair data for each item serviced. The report also contains inventory stock levels of material at the Contractor's warehouse(s).			
4. APPROVAL DATE	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. SOW paragraph 2.2	6b.
7. APPLICATION/INTERRELATIONSHIP Information requested in this DID may not be applicable to all programs. If approved by the COTR, tailoring of this DID is permissible.			
8.	9a.	9b.	
10. PREPARATION INSTRUCTIONS			
<ol style="list-style-type: none"> 1. The Contractor shall maintain and accumulate data on all items identified for repair or in short supply during the reporting period for the purpose of generating this report. 2. The maintenance and repair status summary shall provide, but not be limited to, the following information: <ol style="list-style-type: none"> a. LIS Tracking Number b. Type of requirement (P1, P2, or P5) c. National Stock Number d. Part Number e. Serial Number f. Nomenclature/Description g. Date request was received h. Date shipped to requesting site i. Part Number Shipped j. Serial Number Shipped k. Quantity Shipped l. Date received back at repair facility m. Discrepancy n. FAA Facility from which received o. Piece parts replaced, by part number, description, quantity and LRU p. Component reference designation q. CLIN Number r. CLIN Price s. Total Price t. Invoice Number 3. Inventory stock levels shall provide, but not be limited to, the following information: <ol style="list-style-type: none"> a. National Stock Number b. LRU Manufacturer c. LRU Part Number d. LRU Nomenclature e. Category R/C/E: Indicate whether the LRU/assembly is repairable, consumable or expendable. f. Quantity in Serviceable Stock g. Quantity in Repairable Stock h. Expected Procurement Time i. Quantity on Order j. Comments: Enter any comments concerning the status of the LRU/assembly listed. 			

CONTRACT DATA REQUIREMENTS LIST (CDRL)

Page 1 of 1

A. Contract line Item No.		B. Exhibit n/a	C. Category (Check appropriate one) TDP <input type="checkbox"/> TM <input type="checkbox"/> Other [X]	
D. System/Item ASDE-X		E. Contract/PR No.	F. Contractor	
1. Data Item No. A003		2. Title of Data Item Physical Inventory Report		3. Subtitle
4. Authority		5. Contact Reference SOW paragraph 3.4.3		6. Requiring Office AJW-161
7. DD 250 Req'd no	8. APPROVAL Code A	9. Distribution Statement Required NA		10. Frequency As required
11. As of Date (AOD) 0				
12. Date of First Submission See Blk 14		13. Date of Subsequent Submission As required		15. Distribution
14. REMARKS: Blk 8 - Government has 10 working days to review, comment, and/or approve submissions. If rework is required, contractor has 10 working days after receipt of changes/redlined versions to make corrections and resubmit for review and approval. Blk 12 – Submit NLT 30 working days after request for information. Blk 15 – All electronic deliveries shall be without restrictions that would prevent the Government from reproducing or editing the information. The format shall be for MS-Windows in MS Excel.		a. Addressee	b. Draft Copies	c. Final Copies Reg. Repro
		AJW-161	1 ea	1 ea 0
		JIL	1 ea	1 ea 0
		AML-2000	1 ea	1 ea 0
		16. Total		3 3
G. Prepared By:		H. Date	I. Approved By Contracting Officer	
17. Price Group na		18. Estimated Total Price na		

DATA ITEM DESCRIPTION			
1. TITLE PHYSICAL INVENTORY REPORT		2. IDENTIFICATION NUMBER FAA-CDLS-A003	
3. DESCRIPTION/PURPOSE The Physical Inventory Report provides a record of Government property.			
4. APPROVAL DATE	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. SOW paragraph 3.4.3	6b.
7. APPLICATION/INTERRELATIONSHIP Information requested in this DID may not be applicable to all programs. If approved by the COTR, tailoring of this DID is permissible.			
8.	9a.	9b.	
10. PREPARATION INSTRUCTIONS <ol style="list-style-type: none"> 1. The Contractor shall maintain and accumulate data on all items in operation and spares to track whether each was in transit during the reporting period for the purpose of providing the report. 2. The Contractor shall physically inventory all items and documentation in Government stores 3. The Physical Inventory Report shall be prepared in Contractor specified format as approved by the Government. 4. The Physical Inventory Report shall include, but not be limited to, the following information: <ol style="list-style-type: none"> a. Title Block consisting the of the date, attendees, and actions and events covered in the report b. Executive summary for the FAALC IM c. Identification of the ASDE-X baseline in effect during the audit d. Summary or model of the audit process / sample technique / population to be observed e. Template Inventory Checklists for hardware, software, documentation, test equipment, piece parts including information of quantity, identity, type, version, status, and location. f. Filled-in checklists that represent the current inventory g. Discrepancies/Shortfalls from last report h. Waivers List i. ECP List with current / pending status j. ECP retrofit status, if any are partially implemented k. Observations l. Recommendations 			

CONTRACT DATA REQUIREMENTS LIST (CDRL)					Page 1 of 1	
A. Contract line Item No.		B. Exhibit n/a		C. Category (Check appropriate one) TDP <input type="checkbox"/> TM <input type="checkbox"/> Other [X]		
D. System/Item ASDE-X		E. Contract/PR No.		F. Contractor		
1. Data Item No. A004		2. Title of Data Item Depot Tools, TE, and Materials List			3. Subtitle	
4. Authority		5. Contact Reference SOW paragraph 1.2			6. Requiring Office AJW-161	
7. DD 250 Req'd no	8. APPROVAL Code A	9. Distribution Statement Required NA		10. Frequency As required	11. As of Date (AOD) 0	
12. Date of First Submission See Blk 14		13. Date of Subsequent Submission As required			15. Distribution	
14. REMARKS: Blk 8 - Government has 10 working days to review, comment, and/or approve submissions. If rework is required, contractor has 10 working days after receipt of changes/redlined versions to make corrections and resubmit for review and approval. Blk 12 – Submit NLT 30 working days after request for information. Blk 15 – All electronic deliveries shall be without restrictions that would prevent the Government from reproducing or editing the information. The format shall be for MS-Windows in MS Excel.				a. Addressee	b. Draft Copies	c. Final Copies Reg. Repro
				AJW-161	1 ea	1 ea 0
				JIL	1 ea	1 ea 0
				AML-2000	1 ea	1 ea 0
				16. Total		
G. Prepared By:		H. Date		I. Approved By Contracting Officer		J. Date
17. Price Group na				18. Estimated Total Price na		

DATA ITEM DESCRIPTION																																																																																																			
1. TITLE DEPOT TOOLS, TEST EQUIPMENT AND MATERIALS LIST		2. IDENTIFICATION NUMBER FAA-CDLS-A004																																																																																																	
3. DESCRIPTION/PURPOSE A listing of materials, hardware, and software tools required to support depot diagnostics of system software, all hardware and all system interfaces. The listing will be used by the Government to determine the tools needed to provide depot maintenance and to support the system.																																																																																																			
4. APPROVAL DATE 10 Working Days After Receipt	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. SOW paragraph 1.2	6b.																																																																																																
7. APPLICATION/INTERRELATIONSHIP This DID contain the format and content preparation instructions for the data generated by the specific and discrete task requirement as delineated in the contract.																																																																																																			
8.	9a.	9b.																																																																																																	
10. PREPARATION INSTRUCTIONS <div style="margin-left: 20px;"> 10.1 <u>GENERAL</u>. The recommendation(s) shall contain a listing of the hardware and software tools required to provide depot level repair of the returned ASDE-X LRUs. The contractor shall also identify all Government approved materials and test equipment necessary required to perform test and repairs of the field returned assets. 10.2 <u>FORMAT</u>: <div style="margin-left: 40px;"> Section I: Depot Materials Section II: Depot Tools Section III: Depot Test Equipment </div> 10.3 <u>CONTENT</u>: See below for example <div style="text-align: center; margin: 10px 0;"><u>EXAMPLE</u></div> <table border="1" style="width: 100%; border-collapse: collapse; margin: 0 auto;"> <thead> <tr> <th style="width: 8%;">Item No.</th> <th style="width: 10%;">CAGE Code</th> <th style="width: 10%;">Part Number</th> <th style="width: 30%;">Item Name</th> <th style="width: 10%;">Vendor</th> <th style="width: 10%;">Unit Price</th> <th style="width: 15%;">NSN</th> <th style="width: 8%;">Qty</th> </tr> </thead> <tbody> <tr><td>0001</td><td>18682</td><td>WS-4014-06</td><td>Strap, Wrist Grounding (large)</td><td></td><td>\$14.20</td><td>4240-01-165-8865</td><td>10</td></tr> <tr><td>0002</td><td>75037</td><td>2066 SMALL</td><td>Strap, Wrist Grounding (Small)</td><td></td><td>\$9.43</td><td>4240-01-165-8866</td><td>9</td></tr> <tr><td>0003</td><td>72653</td><td>8276</td><td>Alignment Tool, Electronic Equipment</td><td></td><td>\$3.00</td><td></td><td>4</td></tr> <tr><td>0004</td><td>079A0</td><td>SS-4613</td><td>Key, Set, Socket-head Screw</td><td></td><td>\$2.05</td><td>5120-00-529-2553</td><td>1</td></tr> <tr><td>0005</td><td>30874</td><td>25F9675</td><td>Key and Key Set (Allen Type)</td><td></td><td>\$32.25</td><td>5120-00-203-7064</td><td>1</td></tr> <tr><td>0006</td><td>30874</td><td>73G5518</td><td>Kit, Electrostatic Discharge</td><td></td><td>\$92.75</td><td></td><td>5</td></tr> <tr><td>0007</td><td>81348</td><td>XXX-494</td><td>Solderer, Wave</td><td></td><td>\$20,000</td><td></td><td>1</td></tr> <tr><td>0008</td><td>0B6S1</td><td>1749235</td><td>Kit, Metric Tools</td><td></td><td>\$136.00</td><td></td><td>1</td></tr> <tr><td>0009</td><td>77335</td><td>71-510</td><td>Mirror, Inspection</td><td></td><td>\$14.64</td><td>5120-00-618-6902</td><td>10</td></tr> <tr><td>0010</td><td>89536</td><td>8060A</td><td>Multimeter, Digital</td><td></td><td>\$338.45</td><td>6625-01-157-2246</td><td>2</td></tr> <tr><td>0011</td><td>30874</td><td>TPS-22A</td><td>Set, Test Program</td><td></td><td>\$3000.50</td><td>5120-00-618-2696</td><td>1</td></tr> </tbody> </table> </div>				Item No.	CAGE Code	Part Number	Item Name	Vendor	Unit Price	NSN	Qty	0001	18682	WS-4014-06	Strap, Wrist Grounding (large)		\$14.20	4240-01-165-8865	10	0002	75037	2066 SMALL	Strap, Wrist Grounding (Small)		\$9.43	4240-01-165-8866	9	0003	72653	8276	Alignment Tool, Electronic Equipment		\$3.00		4	0004	079A0	SS-4613	Key, Set, Socket-head Screw		\$2.05	5120-00-529-2553	1	0005	30874	25F9675	Key and Key Set (Allen Type)		\$32.25	5120-00-203-7064	1	0006	30874	73G5518	Kit, Electrostatic Discharge		\$92.75		5	0007	81348	XXX-494	Solderer, Wave		\$20,000		1	0008	0B6S1	1749235	Kit, Metric Tools		\$136.00		1	0009	77335	71-510	Mirror, Inspection		\$14.64	5120-00-618-6902	10	0010	89536	8060A	Multimeter, Digital		\$338.45	6625-01-157-2246	2	0011	30874	TPS-22A	Set, Test Program		\$3000.50	5120-00-618-2696	1
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CONTRACT DATA REQUIREMENTS LIST (CDRL)						Page 1 of 1	
A. Contract line Item No.		B. Exhibit n/a		C. Category (Check appropriate one) TDP <input type="checkbox"/> TM <input type="checkbox"/> Other [X]			
D. System/Item ASDE-X		E. Contract/PR No.		F. Contractor			
1. Data Item No. A005		2. Title of Data Item Advance Meeting Agenda			3. Subtitle		
4. Authority		5. Contact Reference SOW paragraph 2.4			6. Requiring Office AJW-161		
7. DD 250 Req'd no	8. APPROVAL Code A	9. Distribution Statement Required NA		10. Frequency As required	11. As of Date (AOD) 0		
12. Date of First Submission See Blk 14		13. Date of Subsequent Submission As required			15. Distribution		
14. REMARKS: Blk 8 - Government has 5 working days to review, comment, and/or approve submissions. If rework is required, contractor has 5 working days after receipt of changes/redlined versions to make corrections and resubmit for review and approval. Blk 12 – Submit final version NLT 5 working days before scheduled meeting. Blk 15 – All electronic deliveries shall be without restrictions that would prevent the Government from reproducing or editing the information. The format shall be for MS-Windows in MS Word.				a. Addressee	b. Draft Copies	c. Final Reg. Copies	Repro
				AJW-161	1 ea	1 ea	0
				JIL	1 ea	1 ea	0
				AML-2000	1 ea	1 ea	0
				16. Total	3	3	
G. Prepared By:		H. Date		I. Approved By Contracting Officer		J. Date	
17. Price Group na				18. Estimated Total Price na			

DATA ITEM DESCRIPTION			
1. TITLE ADVANCED MEETING AGENDA		2. IDENTIFICATION NUMBER FAA-CDLS-A005	
3. DESCRIPTION/PURPOSE Meeting Agendas provide a vehicle for disseminating topics of discussion to be addressed during meetings. The purpose of the agenda is to provide points of discussion such as problems, issues, information, etc., salient to the scheduled meeting. The agenda is an aid from which the participant can prepare for the meeting.			
4. APPROVAL DATE 10 Working DPT After Receipt of Agenda	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. SOW paragraph 2.4	6b.
7. APPLICATION/INTERRELATIONSHIP Information requested in this DID may not be applicable to all programs. If approved by the COTR, tailoring of this DID is permissible.			
8.	9a.	9b.	
10. PREPARATION LIMITATION <ol style="list-style-type: none"> 1. The Contractor shall prepare agendas for Meetings. 2. Points of discussion to be considered for inclusion as agenda items may include: <ol style="list-style-type: none"> a. Scheduling Information b. Problems c. Issues d. Recommended Solutions to Problems/Issues e. Funding Data f. Attendees 			

CONTRACT DATA REQUIREMENTS LIST (CDRL)						Page 1 of 1	
A. Contract line Item No.		B. Exhibit n/a		C. Category (Check appropriate one) TDP <input type="checkbox"/> TM <input type="checkbox"/> Other [X]			
D. System/Item ASDE-X		E. Contract/PR No.		F. Contractor			
1. Data Item No. A006		2. Title of Data Item Meeting Minutes			3. Subtitle		
4. Authority		5. Contact Reference SOW paragraph 2.4			6. Requiring Office AJW-161		
7. DD 250 Req'd no	8. APPROVAL Code A	9. Distribution Statement Required NA		10. Frequency As required	11. As of Date (AOD) 0		
12. Date of First Submission See Blk 14		13. Date of Subsequent Submission As required		15. Distribution			
14. REMARKS: Blk 8 - Government has 5 working days to review, comment, and/or approve submissions. If rework is required, contractor has 5 working days after receipt of changes/redlined versions to make corrections and resubmit for review and approval. Blk 12 – Submit via e-mail NLT 5 working days after meeting. Blk 15 – All electronic deliveries shall be without restrictions that would prevent the Government from reproducing or editing the information. The format shall be for MS-Windows in MS Word.				a. Addressee	b. Draft Copies	c. Final Reg. Copies	Repro
				AJW-161	1 ea	1 ea	0
				JIL	1 ea	1 ea	0
				AML-2000	1 ea	1 ea	0
				16. Total	3	3	
G. Prepared By:		H. Date		I. Approved By Contracting Officer			J. Date
17. Price Group na				18. Estimated Total Price na			

DATA ITEM DESCRIPTION			
1. TITLE MEETING MINUTES		2. IDENTIFICATION NUMBER FAA-CDLS-A006	
3. DESCRIPTION/PURPOSE Meeting Minutes are the official record of proceedings reported as a result of a meeting. The purpose of Meeting Minutes is to provide a vehicle to report activities, accomplishments, issues, problems, risks, actions, status, etc., for in-service depot repair programs managed and administered by the Contractor.			
4. APPROVAL DATE 5 Working Days After Receipt of Minutes	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. SOW paragraph 2.4	6b
7. APPLICATION/INTERRELATIONSHIP Information requested in this DID may not be applicable to all programs.			
8.	9a.	9b.	
10. PREPARATION INSTRUCTIONS 10.1 The Contractor shall prepare Minutes for Meetings. 10.2 Minutes shall address salient points of discussion recorded during meetings and include, but not be limited to, the following information: <ul style="list-style-type: none"> a. Attendees with their email addresses b. Program Status c. Scheduling Information d. Problems e. Problem Resolutions f. Risks g. Financial Data h. Personnel Resource Allocation i. Action item Status with closure dates, responsible personnel, planned action for resolution j. The state of all open action items shall be included in each subsequent submittal of conference minutes 			

CONTRACT DATA REQUIREMENTS LIST (CDRL)					Page 1 of 1	
A. Contract line Item No.		B. Exhibit n/a		C. Category (Check appropriate one) TDP <input type="checkbox"/> TM <input type="checkbox"/> Other [X]		
D. System/Item ASDE-X		E. Contract/PR No.		F. Contractor		
1. Data Item No. A007		2. Title of Data Item Contractor Support Transition Plan		3. Subtitle		
4. Authority		5. Contact Reference SOW paragraph 3.1.6		6. Requiring Office AJW-161		
7. DD 250 Req'd no	8. APPROVAL Code A	9. Distribution Statement Required NA		10. Frequency See Blk 14	11. As of Date (AOD) 0	
12. Date of First Submission See Blk 14		13. Date of Subsequent Submission See Blk 14		15. Distribution		
14. REMARKS: Blk 8,10,12,13 – This is an optional deliverable that may be exercised at anytime during the contract at the convenience of the Government. If the deliverable is required, the Government will provide comments within 30 working days after receipt of the deliverable. The Contractor must incorporate comments and resubmit NLT 30 working days after receipt. Blk 15 – All electronic deliveries shall be without restrictions that would prevent the Government from reproducing or editing the information. The format shall be for MS-Windows in MS Word.				a. Addressee	b. Draft Copies	c. Final Copies Reg. Repro
				AJW-161	1 ea	1 ea 0
				JIL	1 ea	1 ea 0
				AML-2000	1 ea	1 ea 0
				16. Total		
G. Prepared By:		H. Date		I. Approved By Contracting Officer		J. Date
17. Price Group na				18. Estimated Total Price na		

DATA ITEM DESCRIPTION			
1. TITLE Contractor Support Transition Plan		2. IDENTIFICATION NUMBER FAA-CDLS-A007	
3. DESCRIPTION/PURPOSE The Contractor Support Transition Plan (CSTP) describes the methodology for the orderly transfer of the system support activities from the Contractor to the FAA.			
4. APPROVAL DATE	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. SOW paragraph 3.1.6	6b.
7. APPLICATION/INTERRELATIONSHIP This Data Item Description (DID) contains the content preparation instructions for the Contractor's Support Transition Plan as described by paragraph 3.1.6 of the SOW.			
8.	9a.	9b.	
10. PREPARATION INSTRUCTIONS The CSTP shall detail the activities that the Contractor shall undertake to ensure a smooth transition from Contractor to FAA operations, and the preparations, facilities, and personnel that the FAA will require to assume responsibility for the conduct of all services provided under CDLS. The CSTP shall recommend the time required to ensure a smooth transition with minimal interruption to repair activities. The CSTP shall be submitted in Government-approved format and shall include, but not be limited to:			
<ul style="list-style-type: none"> a. Any formal/OJT training/familiarization required to support the repair functions. b. Activities, procedures and schedules for any necessary refurbishment, calibration, and acceptance of GFE/GFP/CAP prior to return to the FAA. c. The detailed plan for shipment, installation, and checkout of any GFE/GFP/CAP at the designated FAA facility. d. The duration and type of Contractor support required, if any, at the FAALC facilities during the depot repair startup. e. The disposition and physical inventory of lay-in stock, to include all accounting records. f. Operating methods to be employed to assure repair services during the transition period. g. Method or procedure of transitioning management of the Vendor/OEM repair contracts to the FAA. h. An estimated cost (based on the Contractor's prior experience) of managing vendor repair subcontracts for the life cycle of the system. I. Any recommendations for additional equipment, processes, and documentation which would be beneficial to the FAALC operation of the transitioned CDLS. k. Software Support Environment (SSE), System Test Facility (STF), and related documentation; and tools required to support and maintain the ASDE-X. 			

CONTRACT DATA REQUIREMENTS LIST (CDRL)

Page 1 of 1

A. Contract line Item No.		B. Exhibit n/a	C. Category (Check appropriate one) TDP <input type="checkbox"/> TM <input type="checkbox"/> Other [X]	
D. System/Item ASDE-X		E. Contract/PR No.	F. Contractor	
1. Data Item No. A008		2. Title of Data Item Logistics Management Information (LMI) Data Products		3. Subtitle
4. Authority		5. Contact Reference SOW paragraph 3.1.9		6. Requiring Office AJW-161
7. DD 250 Req'd no	8. APPROVAL Code A	9. Distribution Statement Required NA		10. Frequency As Required
11. As of Date (AOD) 0				
12. Date of First Submission See Blk 14		13. Date of Subsequent Submission As Required		15. Distribution
14. REMARKS: Contractor must use worksheet attached to DID A008 Blk 4 – The content of the LMI Data Products and Data Worksheet shall be prepared in accordance with MIL-PRF-49506. Blk 12 – Submit NLT 30 working days after request for information. Blk 15 – All electronic deliveries shall be without restrictions that would prevent the Government from reproducing or editing the information. The format shall be for MS-Windows in MS Excel.		a. Addressee	b. Draft Copies	c. Final Copies Reg. Repro
		AJW-161	1 ea	1 ea 0
		JIL	1 ea	1 ea 0
		AML-2000	1 ea	1 ea 0
		16. Total		
		3 3		
G. Prepared By:		H. Date	I. Approved By Contracting Officer	
J. Date				
17. Price Group na		18. Estimated Total Price na		

DATA ITEM DESCRIPTION

1. Title Logistics Management Information (LMI) Data Products		2. IDENTIFICATION NUMBER FAA-CDLS-A008	
3. DESCRIPTION/PURPOSE The LMI Data Products consists of data that a requiring authority needs to develop their internal material management processes. This data contains information in the areas of provisioning, cataloging, packaging, and support equipment.			
4. APPROVAL DATE	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. SOW paragraph 3.1.9	6b.
7. APPLICATION/INTERRELATIONSHIP This Data Item Description (DID) contains the format and content preparation instructions for LMI Data Products required by the Attachment.			
8.	9a.	9b.	
10. PREPARATION INSTRUCTIONS 10.1 Reference document. The applicable issue of the documents cited herein, including their approval dates, and dates of any applicable amendments, notices, and revisions shall be as specified in the contract. 10.3 Content. The content of Data Products is described in the Attachment, LMI Data Products Definitions. Modified Data Product requirements shown in the LMI Data Products Worksheet shall take precedence over MIL-PRF-49506.			
11. Distribution Statement			

FAA LOGISTICS CENTER

LOGISTICS MANAGEMENT INFORMATION (LMI) DATA PRODUCTS WORKSHEET

System: _____

Data Deliverable: _____ LMI DATA PRODUCTS _____ CDRL: A008

MIL-PRF-49506, Worksheet

DATA PRODUCT DELIVERABLE: _____

This worksheet is used to select data deemed necessary by the Federal Aviation Administration .

Data should be used to feed down stream process.

<u>SELECT</u>	<u>EXPLANATION</u>
X	Data product required on all items
A	As applicable
O	"Ref" items only

NOTE: Other codes may be assigned by the FAA as identified below.

Program specific selections and explanations.

The following are the data items the contractor shall deliver for the FAA Logistics Center to perform logistics planning functions followed by data item definitions:

DATE PRODUCT TITLE	SELECT	ADDITIONAL INFORMATION
CALIBRATION ITEM	A	
CALIBRATION INTERVAL	A	Identify for Special Support and Test Equipment.
COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE	X	
ALTERNATE CAGE CODE(s)	A	
CRITICALITY CODE	X	
ELECTROSTATIC DISCHARGE SENSITIVE ITEM		Yes (Y) or No (N)
ESSENTIALITY CODE	X	LRUs only.

ESTIMATED UNIT PRICE	X	
HAZARDOUS CODE	A	
INDENTURE CODE	X	
ITEM CATEGORY CODE (ICC)	X	
ITEM NAME	X	
LINE REPLACEABLE UNIT (LRU)	X	Yes (Y) or No (N)
MAINTENANCE REPLACEMENT RATE I (MRR1)	X	May provide MTBF in lieu of MRR1.
MEAN TIME BETWEEN FAILURES (MTBF)	X	May provide MRR1 in Lieu of MTBF.
NEXT HIGHER ASSEMBLY PROVISIONING LIST ITEM SEQUENCE NUMBER (NHA PLISN)	X	
PRECIOUS METAL INDICATOR CODE (PMIC)	A	
PROVISIONING LIST ITEM SEQUENCE NUMBER (PLISN)	X	
PROVISIONING REMARKS	A	
QUANTITY PER ASSEMBLY (QPA)	X	
QUANTITY PER END ITEM (QPEI)	X	
REFERENCE NUMBER (PART NUMBER)	X	
ALTERNATE REFERENCE NUMBER(s)	A	
SAME AS PROVISIONING LIST ITEM SEQUENCE NUMBER (SAME AS PLISN)	O	
SOURCE, MAINTENANCE AND RECOVERABILITY (SMR) CODE	X	
UNIT OF ISSUE (UI) or UNIT OF MEASURE	X	
SHELF LIFE	A	
SHELF LIFE ACTION CODE	A	
PROPRIETARY DATA	A	Yes (Y) as applicable
INTERCHANGEABILITY CODE	A	

SOURCE, MAINTENANCE, AND RECOVERABILITY CODE DEFINITIONS AND DECISION TREE

SMR codes are a series of alpha or alphanumeric symbols used at time of provisioning to indicate the source of supply for an item, its maintenance implications, and recoverability characteristics. The provisioning activity may require the contractor to recommend these codes. (MIL-PRF-49506).

Source Codes: First two positions indicate the source for acquiring the item for replacement or support purposes, i.e. stocked, manufactured, assembled, etc.

- (1) **PA** - Item procured and stocked for anticipated or known usage.
 - Parts Common
- (2) **PB** - Item procured and stocked for insurance purposes because essentially dictates that a minimum quantity be available in the supply systems.
 - LMC "F" items
 - Items subject to catastrophic situations
- (3) **PC** - Item procured and stocked and which otherwise would be coded PA except that it is deteriorate in nature.
 - Shelf life items
 - Batteries
- (4) **PD** - Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
 - Test equipment (i.e. digital multimeters, oscilloscopes, etc.)
- (5) **PF** - Support items, excluding support equipment, procured for initial issue or outfitting and stock only for subsequent or additional initial issues or outfitting. Not subject to automatic replenishment.
 - Installation kits/items
 - Modification kits
- (6) **PG** - Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment that has only one qualified source of supply.
 - Parts peculiar
- (7) **KF** - An item contained in a maintenance kit, not purchased separately and authorized for use at the organizational level. Maintenance kit defined as a group of items, related to an end item and must be replaced together to maintain the integrity of that end item.

- Site kit
- (8) **KD** - Item included in both a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provided items required at time of repair of overhaul or repair.

- Depot kit

- (9) **KB** - Item included in both a depot overhaul/repair kit and a maintenance kit.

- Depot and site kit

- (10) **MO** - Item to be manufactured or fabricated at organizational level.

Not often used. Could include gaskets where gasket material is sent to the site for them to cut themselves or any local site EPROM programming, etc.

- (11) **MD** - Item to be manufactured or fabricated at depot maintenance level.

- Burned-in EPROM
- Special build items manufactured from drawings
- Reference type items

- (12) **AO** - Item to be assembled at the site

- Cable assemblies fabricated at the site

- (13) **AD** - Item to be assembled at the depot

- Cable assemblies fabricated at the depot

- (14) **XA** - Item is not procured or stocked because the requirements for the item will result in replacement of the next higher assembly.

- Imbedded item or items attached in such a manner that attempted removal would destroy the next higher assembly.

- (15) **XB** - Item is not procured or stocked. If not available through salvage, requisition appropriate next lower assembly. Hardware must be requisitioned on an as required basis, noncataloged.

- Contract Line Items (CLINs)
- Hardware, (CBIL items)
- High level assemblies (i.e. racks and drawers)

- (16) **XC** - Installation drawing, diagram, instruction sheet of field service drawing, that is identified by manufacturer's part number.

- These would be assembly drawings, specifications, etc. These items are paper, not units.

Maintenance Codes: **Third position** of the SMR code indicates the lowest level of maintenance authorized to remove, replace the item.

- (1) **O** - Item is removed, replaced, and used at the organizational level of maintenance.
- (2) **D** - Item is removed, replaced and used at the depot level of maintenance.

Maintenance Repair Code: **Fourth position** of the SMR code indicates whether the item is to be repaired, and identifies the lowest level of maintenance capable of performing complete repair of the item.

- (1) **Z** - Item is not repairable
 - Expendable item
- (2) **B** - Item is not repairable, however may be reconditioned by lubricating, adjusting, etc.
- (3) **O** - The organization is the lowest maintenance level capable of complete repair of the item.
- (4) **D** - The depot is the lowest maintenance level capable of complete repair of the item, however lower maintenance levels may perform minor repair (i.e. replacement of screws, nuts, bolts, meters, gauges, and attaching hardware).
 - Exchange and Repair (E&R) item
- (5) **L** - The depot is the lowest maintenance level capable of repair.
 - Exchange and Repair (E&R) item

Recoverability Code: **The Fifth position** indicates the disposition action when the item becomes unserviceable.

- (1) **Z** - Item is not repairable. When unserviceable, condemn and dispose of at the level indicated by the SMR code in the third position.
- (2) **O** - Item is repairable. When uneconomical to repair, condemn at organizational level.
- (3) **D** - Item is repairable. When uneconomical to repair, condemn at depot level.
- (4) **A** - Item requires special handling or condemnation procedures because of specific reasons.
 - Precious metal content
 - High dollar value

1ST POSITION	2ND POSITION	3RD POSITION	4TH POSITION	5TH POSITION
P PROCURABLE	A PARTS COMMON	O REPLACE AT ORGANIZATIONAL	Z NO REPAIR	Z NON-REPAIRABLE CONDEMN AT 3RD LEVEL POSITION
	B INSURANCE			
	C DETERIORATIVE			
	D S/E STOCKED			
	F S/E NON-STOCKED			
	G PARTS PECULIAR			
	F ORGANIZATIONAL			
K COMPONENT OF A REPAIR KIT	D DEPOT	D REPLACE AT DEPOT	O REPAIR AT ORGANIZATIONAL	O REPAIRABLE CONDEMN AT ORGANIZATIONAL
	B BOTH			
M MANUFACTURE	O ORGANIZATIONAL	D REPAIR AT DEPOT	D LIMITED REPAIR AT ORGANIZA- TIONAL OR DEPOT	D REPAIRABLE CONDEMN AT DEPOT
	D DEPOT			
A ASSEMBLE	O ORGANIZATIONAL	D REPAIR AT DEPOT	L REPAIR AT DEPOT	A SPECIAL HANDLING
	D DEPOT			
X NON-PROCURED	A REQUISITION NHA			
	B RECLAMATION RQN FROM I.M.			
	C MFG. DRAWINGS			

EXAMPLES OF COMMONLY USED SMR CODES

PAOZZ - This is a parts common, expendable item that is replaced and thrown away at the organizational level.

PAODD - This is a part common, E&R item that is removed and replaced at the organizational level then sent to the depot for repair. Organizational level may perform minor repair, i.e. replacement of screws, nut, bolts, meters, gauges, etc., but must be sent to the depot for major repair.

PAOLD - This is a part common, E&R item that is removed and replaced at the organizational level then sent to the depot for repair.

PGOZZ - This is a parts peculiar, expendable item that is replaced and thrown away at the organizational level.

PGODD - This is a part peculiar, E&R item that is removed and replaced at the organizational level then sent to the depot for repair. Organizational level may perform minor repair, i.e. replacement of screws, nuts, bolts, meters, gauges, and attaching hardware, but must be sent to the depot for major repair.

PGOLD - This is a part peculiar, E&R item that is removed and replaced at the organizational level then sent to the depot for repair.

CONTRACT DATA REQUIREMENTS LIST (CDRL)

Page 1 of 1

A. Contract line Item No.		B. Exhibit n/a		C. Category (Check appropriate one) TDP <input type="checkbox"/> TM <input type="checkbox"/> Other [X]			
D. System/Item ASDE-X		E. Contract/PR No.		F. Contractor			
1. Data Item No. A009		2. Title of Data Item NAS System Asset Identification Report		3. Subtitle			
4. Authority		5. Contact Reference SOW paragraph 3.6		6. Requiring Office ATO-W			
7. DD 250 Req'd no	8. APPROVAL Code A	9. Distribution Statement Required NA		10. Frequency As Required	11. As of Date (AOD) 0		
12. Date of First Submission See Blk 14		13. Date of Subsequent Submission As Required		15. Distribution			
14. REMARKS: Block 12: Submit prior to acceptance of the FAA assets. Submit to FAA at 800 Independence Ave. SW, Washington, DC 20591 Attn: Asset Management and NAS Supply Support Team (ATO-W) / System Engineer Block 13: Subsequent submissions shall be as required inclusive of Government comments. Block 14: Softcopy shall be in MS Excel or ASCII text as appropriate on electronic media.				a. Addressee	b. Draft Copies	c. Final Copies Reg.	d. Copies Repro
				ATO-W	1 ea	1 ea	0
				JIL	1 ea	1 ea	0
				AML-2000	1 ea	1 ea	0
				AJW-161	1 ea	1 ea	0
				16. Total	3	3	
G. Prepared By:		H. Date		I. Approved By Contracting Officer		J. Date	
17. Price Group na				18. Estimated Total Price na			

DATA ITEM DESCRIPTION			
1. NAS SYSTEM ASSET IDENTIFICATION REPORT		2. IDENTIFICATION NUMBER FAA-CDLS-A009	
3. DESCRIPTION/PURPOSE The Asset Identification Report is an electronic bill of material of all assets applicable to a system and/or subsystem where the assets have been affixed with a barcode label. The label becomes the “License Plate” against which attributes of the asset may be recorded in, or extracted from, the FAA’s asset management systems. The license plate provides unique identification of the asset over its serviceable life cycle. This is applicable to each system or equipment component down to the Lowest Replaceable/Repairable Unit (LRU), as well as LRU site spares, test equipment, computer equipment, and other ‘accountable’ equipment in accordance FAA Order 4600.XX. This report is produced in electronic format.			
4. APPROVAL DATE	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) ATO-W, Asset Management and NAS Supply Support Group	6a. SOW paragraph 3.6	6b
7. APPLICATION/INTERRELATIONSHIP 7.1 This data item description applies to all contracts where the agency (FAA) has purchased assets or equipment. 7.2 Each item in this DID may not be appropriate to all contracts. If approved by the Government, tailoring of this DID is permissible to include data items not identified herein, or to omit data items not present in a given contract. Any such tailoring must be supplied for Government review in a proposed modified DID form. Government approval must be obtained prior to any tailoring of this DID.			
8.	9a.	9b.	
10. PREPARATION INSTRUCTIONS 10.1 <u>Format.</u> Specific content and formal instructions for this document are identified below. 10.1.1 <u>Response to tailoring Instructions.</u> In the event that a paragraph or subparagraph has been expanded, a statement describing the intent and use of the added information shall be added directly following the heading of each such (sub) paragraph. In the event that a paragraph or subparagraph has been tailored out, a statement to that effect shall be added directly following the heading of each such (sub) paragraph. If a paragraph and all of its subparagraphs are tailored out, only the highest-level paragraph heading needs to be included. 10.1.2 <u>Use of alternate presentation styles.</u> Charts, tables, matrices, or other presentation styles are acceptable when the information required by the paragraphs and subparagraphs of this DID can be more readable. 10.1.3 <u>Paragraph numbering.</u> Paragraph numbering shall follow the outline contained in Section 10.2 below. 10.1.4 <u>Contents.</u> Submitted documentation should follow outline and content of Section 10.2 as tailored by the Contract Data Requirements List (CDRL). 10.1.5 <u>Use of Existing Data.</u> Data provided by the contractor for this DID shall be extracted from contract related deliverables to the fullest extent possible. 10.1.6 <u>DID Tailoring.</u> Unless otherwise specified in the contract, all paragraphs of Section 10.2 are required. 10.2 <u>Outline and Content.</u> The submitted shall be in accordance with the following outline and content. 10.2.1 <u>Media.</u> The report shall be submitted in softcopy in MS Excel/industry standard spreadsheet or ASCII text as appropriate on electronic media. The header and footer records occur once. 10.2.2 <u>Contents.</u> The ELECTRONIC FILE shall contain a listing of all assets that have been identified with a unique asset identifier. Lowest Replaceable Units (LRUs) may consist of circuit boards, modules, cables, power supplies, etc. The following data elements shall be recorded as they apply to each asset. This Report shall contain data elements for every item of each type (System, Equipment, Installed Asset and Asset Spares), for which a bar code exists. Use the Comments field to qualify and/or extend the data elements within System, Equipment, Installed Asset and Asset Spares categories. 10.2.3 <u>Required fields.</u> The mandatory fields for data to be imported into the FAA’s asset management system are listed below in BOLD and Required column “Yes”. Fields not listed as required, may be required as determined by the systems / assets Program Office or IPT. Preparation Instructions			

CONTRACT DATA REQUIREMENTS LIST (CDRL)					Page 1 of 1	
A. Contract Line Item No.		B. Exhibit n/a		C. Category (Check appropriate one) TDP <input type="checkbox"/> TM <input type="checkbox"/> Other [X]		
D. System/Item ASDE-X		E. Contract/PR No.		F. Contractor		
1. Data Item No. A010		2. Title of Data Item ASDE-X Parts Cross Reference Table for Configured LRUs			3. Subtitle	
4. Authority		5. Contact Reference SOW paragraph 2.2.1			6. Requiring Office AJW-161	
7. DD 250 Req'd no	8. APPROVAL Code A	9. Distribution Statement Required NA		10. Frequency See Blk 14	11. As of Date (AOD) 0	
12. Date of First Submission See Blk 14		13. Date of Subsequent Submission See Blk 14		15. Distribution		
14. REMARKS: Blk 8,10 – Updates for the ASDE-X Cross Reference Table for Configured and Non-Configured LRUs should be received from the contractor whenever: a) the hardware or software configuration of an asset is modified such that the asset is not directly interchangeable with an asset having the previous configuration; or b) new, upgraded, or replacement LRUs are added to the system. Blk 12 and 13 - No later than the day the asset or new configuration is fielded or ready for use. Blk 15 – All electronic deliveries shall be without restrictions that would prevent the Government from reproducing or editing the information. The format shall be for MS-Windows in MS Excel.				a. Addressee	b. Draft Copies	c. Final Copies Reg. Repro
				AJW-161	1 ea	1 ea 0
				JIL	1 ea	1 ea 0
				AML-2000	1 ea	1 ea 0
				16. Total		
G. Prepared By:		H. Date		I. Approved By Contracting Officer		J. Date
17. Price Group na				18. Estimated Total Price na		

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10. PREPARATION INSTRUCTIONS <div style="margin-left: 40px;"> 10.1 <u>GENERAL</u>. Updates shall include, but not be limited to, the Item No., CAGE Code, PN, Item Name, *NSN, Reference Designator, and unique details about where the configuration is used (i.e. can only be used in position xx). Updates must be provided in electronic format (i.e. Excel spreadsheet) no later than the day the asset or new configuration is fielded or ready for use. *NOTE: A configuration that supersedes a previous configuration (i.e. software updates) may use the same NSN. New configurations that are established in addition to existing ones will require a new NSN. 10.3 <u>CONTENT</u>: See below for example <div style="text-align: center; margin: 10px 0;"><u>EXAMPLE ONLY</u></div> <table border="1" style="width: 100%; border-collapse: collapse; margin: 0 auto;"> <thead> <tr> <th style="width: 8%;">Item No.</th> <th style="width: 8%;">CAGE Code</th> <th style="width: 12%;">Part Number</th> <th style="width: 20%;">Item Name</th> <th style="width: 12%;">NSN</th> <th style="width: 10%;">Reference Designator</th> <th style="width: 30%;">Configuration Notes</th> </tr> </thead> <tbody> <tr> <td>0001</td> <td>18682</td> <td>170-011688-G001</td> <td>Router</td> <td>4240-01-165-8888</td> <td>2A1A3/A4</td> <td>Base Unit (not configured)</td> </tr> <tr> <td>0002</td> <td>1EG52</td> <td>170-011688-G001-01</td> <td>Router, A3 (configured)</td> <td>4240-01-165-1111</td> <td>2A1A3</td> <td>Configured; A3, ver 1.3</td> </tr> <tr> <td>0003</td> <td>1EG52</td> <td>170-011688-G001-02</td> <td>Router, A4 (superseded)</td> <td>4240-01-165-2222</td> <td>2A1A4</td> <td>Configured; A4, ver. 1.3</td> </tr> <tr> <td>0003</td> <td>1EG52</td> <td>170-011688-G001-02</td> <td>Router, A4 (configured)</td> <td>4240-01-165-2222</td> <td>2A1A4</td> <td>Configured; A4, ver. 1.4</td> </tr> <tr> <td>0004</td> <td>1EG52</td> <td>130-005814-G001</td> <td>PWA, Nunio 2</td> <td>5895-01-504-5555</td> <td>(multiple)</td> <td>Base Unit (not configured)</td> </tr> <tr> <td>0005</td> <td>1EG52</td> <td>130-005814-G001-01</td> <td>ASR9 Nunio (p/o Unit 16)</td> <td>5895-01-574-5556</td> <td>16A3A2</td> <td>Configured, Unit 16</td> </tr> <tr> <td>0006</td> <td>1EG52</td> <td>130-005814-G001-02</td> <td>ASR9 Nunio (p/o Unit 10)</td> <td>5895-01-574-5557</td> <td>10A3A2</td> <td>Configured, Unit 10</td> </tr> <tr> <td>0007</td> <td>1XY74</td> <td>100-010902-G001</td> <td>Widget Processor**NEW**</td> <td>(not assigned)</td> <td>8A4</td> <td>Base Unit, **NEW**</td> </tr> <tr> <td>0008</td> <td>1EG52</td> <td>100-010902-G001-01</td> <td>Widget Processor (PHL)</td> <td>(not assigned)</td> <td>8A4</td> <td>Configured, PHL only</td> </tr> <tr> <td>0009</td> <td>1EG52</td> <td>100-010902-G001-02</td> <td>Widget Processor (PHL)</td> <td>(not assigned)</td> <td>8A4</td> <td>Configured, LGA only</td> </tr> <tr> <td>0010</td> <td>1EG52</td> <td>100-010902-G001-03</td> <td>Widget Processor (PHL)</td> <td>(not assigned)</td> <td>8A4</td> <td>Configured, IAH only</td> </tr> </tbody> </table> </div>							Item No.	CAGE Code	Part Number	Item Name	NSN	Reference Designator	Configuration Notes	0001	18682	170-011688-G001	Router	4240-01-165-8888	2A1A3/A4	Base Unit (not configured)	0002	1EG52	170-011688-G001-01	Router, A3 (configured)	4240-01-165-1111	2A1A3	Configured; A3, ver 1.3	0003	1EG52	170-011688-G001-02	Router, A4 (superseded)	4240-01-165-2222	2A1A4	Configured; A4, ver. 1.3	0003	1EG52	170-011688-G001-02	Router, A4 (configured)	4240-01-165-2222	2A1A4	Configured; A4, ver. 1.4	0004	1EG52	130-005814-G001	PWA, Nunio 2	5895-01-504-5555	(multiple)	Base Unit (not configured)	0005	1EG52	130-005814-G001-01	ASR9 Nunio (p/o Unit 16)	5895-01-574-5556	16A3A2	Configured, Unit 16	0006	1EG52	130-005814-G001-02	ASR9 Nunio (p/o Unit 10)	5895-01-574-5557	10A3A2	Configured, Unit 10	0007	1XY74	100-010902-G001	Widget Processor**NEW**	(not assigned)	8A4	Base Unit, **NEW**	0008	1EG52	100-010902-G001-01	Widget Processor (PHL)	(not assigned)	8A4	Configured, PHL only	0009	1EG52	100-010902-G001-02	Widget Processor (PHL)	(not assigned)	8A4	Configured, LGA only	0010	1EG52	100-010902-G001-03	Widget Processor (PHL)	(not assigned)	8A4	Configured, IAH only
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11. DISTRIBUTION STATEMENT DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.																																																																																										

WD 05-2384 (Rev.-9) was first posted on www.wdol.gov on 08/18/2009

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210

Shirley F. Ebbesen Division of
Director Wage Determinations

Wage Determination No.: 2005-2384
Revision No.: 9
Date Of Revision: 08/07/2009

State: New York

Area: New York Counties of Broome, Cayuga, Chemung, Chenango, Cortland,
Hamilton, Herkimer, Madison, Oneida, Onondaga, Oswego, Otsego, Tioga, Tompkins

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		12.91
01012 - Accounting Clerk II		14.49
01013 - Accounting Clerk III		17.66
01020 - Administrative Assistant		19.48
01040 - Court Reporter		17.24
01051 - Data Entry Operator I		11.40
01052 - Data Entry Operator II		12.77
01060 - Dispatcher, Motor Vehicle		14.52
01070 - Document Preparation Clerk		12.14
01090 - Duplicating Machine Operator		12.14
01111 - General Clerk I		11.36
01112 - General Clerk II		12.39
01113 - General Clerk III		13.91
01120 - Housing Referral Assistant		18.00
01141 - Messenger Courier		10.16
01191 - Order Clerk I		11.02
01192 - Order Clerk II		12.90
01261 - Personnel Assistant (Employment) I		13.83
01262 - Personnel Assistant (Employment) II		15.47
01263 - Personnel Assistant (Employment) III		17.25
01270 - Production Control Clerk		18.67
01280 - Receptionist		11.04
01290 - Rental Clerk		11.03
01300 - Scheduler, Maintenance		13.26
01311 - Secretary I		13.26
01312 - Secretary II		15.67
01313 - Secretary III		17.45
01320 - Service Order Dispatcher		11.64
01410 - Supply Technician		19.48
01420 - Survey Worker		13.82
01531 - Travel Clerk I		10.75
01532 - Travel Clerk II		11.59
01533 - Travel Clerk III		12.45
01611 - Word Processor I		12.29
01612 - Word Processor II		13.80
01613 - Word Processor III		15.43
05000 - Automotive Service Occupations		
05005 - Automobile Body Repairer, Fiberglass		21.16
05010 - Automotive Electrician		16.58
05040 - Automotive Glass Installer		16.03

05070 - Automotive Worker	16.03
05110 - Mobile Equipment Servicer	14.84
05130 - Motor Equipment Metal Mechanic	17.24
05160 - Motor Equipment Metal Worker	16.03
05190 - Motor Vehicle Mechanic	15.68
05220 - Motor Vehicle Mechanic Helper	14.21
05250 - Motor Vehicle Upholstery Worker	15.41
05280 - Motor Vehicle Wrecker	16.03
05310 - Painter, Automotive	16.58
05340 - Radiator Repair Specialist	16.03
05370 - Tire Repairer	14.34
05400 - Transmission Repair Specialist	17.24
07000 - Food Preparation And Service Occupations	
07010 - Baker	11.05
07041 - Cook I	10.34
07042 - Cook II	11.61
07070 - Dishwasher	8.10
07130 - Food Service Worker	8.80
07210 - Meat Cutter	16.17
07260 - Waiter/Waitress	9.79
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	16.62
09040 - Furniture Handler	12.56
09080 - Furniture Refinisher	16.62
09090 - Furniture Refinisher Helper	14.21
09110 - Furniture Repairer, Minor	15.41
09130 - Upholsterer	18.28
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	9.74
11060 - Elevator Operator	9.74
11090 - Gardener	13.85
11122 - Housekeeping Aide	10.68
11150 - Janitor	10.68
11210 - Laborer, Grounds Maintenance	11.89
11240 - Maid or Houseman	9.54
11260 - Pruner	17.78
11270 - Tractor Operator	13.42
11330 - Trail Maintenance Worker	11.89
11360 - Window Cleaner	11.61
12000 - Health Occupations	
12010 - Ambulance Driver	15.06
12011 - Breath Alcohol Technician	14.74
12012 - Certified Occupational Therapist Assistant	17.11
12015 - Certified Physical Therapist Assistant	17.65
12020 - Dental Assistant	14.59
12025 - Dental Hygienist	25.62
12030 - EKG Technician	23.07
12035 - Electroneurodiagnostic Technologist	23.07
12040 - Emergency Medical Technician	15.06
12071 - Licensed Practical Nurse I	13.00
12072 - Licensed Practical Nurse II	14.54
12073 - Licensed Practical Nurse III	16.22
12100 - Medical Assistant	12.04
12130 - Medical Laboratory Technician	17.95
12160 - Medical Record Clerk	12.21
12190 - Medical Record Technician	13.66
12195 - Medical Transcriptionist	14.64
12210 - Nuclear Medicine Technologist	28.22
12221 - Nursing Assistant I	9.10
12222 - Nursing Assistant II	10.23
12223 - Nursing Assistant III	11.16

12224 - Nursing Assistant IV	12.53
12235 - Optical Dispenser	19.88
12236 - Optical Technician	14.38
12250 - Pharmacy Technician	13.31
12280 - Phlebotomist	12.53
12305 - Radiologic Technologist	24.62
12311 - Registered Nurse I	20.62
12312 - Registered Nurse II	25.23
12313 - Registered Nurse II, Specialist	25.23
12314 - Registered Nurse III	30.53
12315 - Registered Nurse III, Anesthetist	30.53
12316 - Registered Nurse IV	36.59
12317 - Scheduler (Drug and Alcohol Testing)	18.26
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	17.90
13012 - Exhibits Specialist II	22.18
13013 - Exhibits Specialist III	27.13
13041 - Illustrator I	17.90
13042 - Illustrator II	22.18
13043 - Illustrator III	27.13
13047 - Librarian	24.57
13050 - Library Aide/Clerk	10.32
13054 - Library Information Technology Systems Administrator	22.18
13058 - Library Technician	12.68
13061 - Media Specialist I	16.00
13062 - Media Specialist II	17.90
13063 - Media Specialist III	19.97
13071 - Photographer I	14.67
13072 - Photographer II	16.40
13073 - Photographer III	20.32
13074 - Photographer IV	24.87
13075 - Photographer V	30.08
13110 - Video Teleconference Technician	17.17
14000 - Information Technology Occupations	
14041 - Computer Operator I	14.07
14042 - Computer Operator II	15.73
14043 - Computer Operator III	17.61
14044 - Computer Operator IV	23.63
14045 - Computer Operator V	
14071 - Computer Programmer I	(see 1) 20.57
14072 - Computer Programmer II	(see 1) 24.05
14073 - Computer Programmer III	(see 1)
14074 - Computer Programmer IV	(see 1)
14101 - Computer Systems Analyst I	(see 1) 27.62
14102 - Computer Systems Analyst II	(see 1)
14103 - Computer Systems Analyst III	(see 1)
14150 - Peripheral Equipment Operator	14.07
14160 - Personal Computer Support Technician	24.05
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	27.87
15020 - Aircrew Training Devices Instructor (Rated)	34.05
15030 - Air Crew Training Devices Instructor (Pilot)	40.44
15050 - Computer Based Training Specialist / Instructor	27.87
15060 - Educational Technologist	26.16
15070 - Flight Instructor (Pilot)	40.44
15080 - Graphic Artist	20.58
15090 - Technical Instructor	19.66
15095 - Technical Instructor/Course Developer	24.06
15110 - Test Proctor	15.87
15120 - Tutor	15.87

16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	8.24
16030 - Counter Attendant	8.24
16040 - Dry Cleaner	9.57
16070 - Finisher, Flatwork, Machine	8.63
16090 - Presser, Hand	8.63
16110 - Presser, Machine, Drycleaning	8.63
16130 - Presser, Machine, Shirts	8.63
16160 - Presser, Machine, Wearing Apparel, Laundry	8.63
16190 - Sewing Machine Operator	10.14
16220 - Tailor	10.71
16250 - Washer, Machine	8.65
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	20.84
19040 - Tool And Die Maker	21.55
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	14.01
21030 - Material Coordinator	18.77
21040 - Material Expediter	18.67
21050 - Material Handling Laborer	13.66
21071 - Order Filler	10.01
21080 - Production Line Worker (Food Processing)	14.01
21110 - Shipping Packer	13.30
21130 - Shipping/Receiving Clerk	13.30
21140 - Store Worker I	13.06
21150 - Stock Clerk	17.31
21210 - Tools And Parts Attendant	14.12
21410 - Warehouse Specialist	14.01
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	25.60
23021 - Aircraft Mechanic I	24.39
23022 - Aircraft Mechanic II	25.60
23023 - Aircraft Mechanic III	26.88
23040 - Aircraft Mechanic Helper	18.73
23050 - Aircraft, Painter	22.12
23060 - Aircraft Servicer	21.21
23080 - Aircraft Worker	22.02
23110 - Appliance Mechanic	18.24
23120 - Bicycle Repairer	14.34
23125 - Cable Splicer	29.40
23130 - Carpenter, Maintenance	18.16
23140 - Carpet Layer	19.67
23160 - Electrician, Maintenance	22.87
23181 - Electronics Technician Maintenance I	21.84
23182 - Electronics Technician Maintenance II	23.49
23183 - Electronics Technician Maintenance III	24.58
23260 - Fabric Worker	18.65
23290 - Fire Alarm System Mechanic	19.77
23310 - Fire Extinguisher Repairer	17.73
23311 - Fuel Distribution System Mechanic	28.12
23312 - Fuel Distribution System Operator	23.24
23370 - General Maintenance Worker	16.03
23380 - Ground Support Equipment Mechanic	24.39
23381 - Ground Support Equipment Servicer	20.21
23382 - Ground Support Equipment Worker	21.26
23391 - Gunsmith I	17.73
23392 - Gunsmith II	19.83
23393 - Gunsmith III	21.23
23410 - Heating, Ventilation And Air-Conditioning Mechanic	18.63
23411 - Heating, Ventilation And Air Contditioning	19.28

Mechanic (Research Facility)	
23430 - Heavy Equipment Mechanic	19.24
23440 - Heavy Equipment Operator	24.59
23460 - Instrument Mechanic	21.23
23465 - Laboratory/Shelter Mechanic	20.57
23470 - Laborer	11.18
23510 - Locksmith	19.46
23530 - Machinery Maintenance Mechanic	19.77
23550 - Machinist, Maintenance	17.18
23580 - Maintenance Trades Helper	14.21
23591 - Metrology Technician I	21.23
23592 - Metrology Technician II	22.08
23593 - Metrology Technician III	22.84
23640 - Millwright	19.89
23710 - Office Appliance Repairer	19.07
23760 - Painter, Maintenance	17.26
23790 - Pipefitter, Maintenance	27.57
23810 - Plumber, Maintenance	21.02
23820 - Pneudraulic Systems Mechanic	21.23
23850 - Rigger	21.23
23870 - Scale Mechanic	19.83
23890 - Sheet-Metal Worker, Maintenance	19.56
23910 - Small Engine Mechanic	17.63
23931 - Telecommunications Mechanic I	23.60
23932 - Telecommunications Mechanic II	24.42
23950 - Telephone Lineman	25.89
23960 - Welder, Combination, Maintenance	17.24
23965 - Well Driller	21.23
23970 - Woodcraft Worker	21.23
23980 - Woodworker	16.32
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	9.63
24580 - Child Care Center Clerk	12.09
24610 - Chore Aide	9.60
24620 - Family Readiness And Support Services Coordinator	13.71
24630 - Homemaker	13.32
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	23.38
25040 - Sewage Plant Operator	18.54
25070 - Stationary Engineer	23.38
25190 - Ventilation Equipment Tender	17.95
25210 - Water Treatment Plant Operator	18.22
27000 - Protective Service Occupations	
27004 - Alarm Monitor	16.51
27007 - Baggage Inspector	12.14
27008 - Corrections Officer	21.94
27010 - Court Security Officer	21.74
27030 - Detection Dog Handler	15.33
27040 - Detention Officer	21.94
27070 - Firefighter	23.44
27101 - Guard I	12.14
27102 - Guard II	15.33
27131 - Police Officer I	22.40
27132 - Police Officer II	24.88
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	10.88
28042 - Carnival Equipment Repairer	11.22
28043 - Carnival Equipment Worker	8.85
28210 - Gate Attendant/Gate Tender	13.34
28310 - Lifeguard	11.01

28350 - Park Attendant (Aide)	14.92
28510 - Recreation Aide/Health Facility Attendant	10.89
28515 - Recreation Specialist	18.48
28630 - Sports Official	11.88
28690 - Swimming Pool Operator	18.62
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	21.89
29020 - Hatch Tender	21.89
29030 - Line Handler	21.89
29041 - Stevedore I	19.14
29042 - Stevedore II	22.71
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	35.15
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	24.24
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	26.69
30021 - Archeological Technician I	15.31
30022 - Archeological Technician II	17.07
30023 - Archeological Technician III	21.22
30030 - Cartographic Technician	23.74
30040 - Civil Engineering Technician	21.56
30061 - Drafter/CAD Operator I	16.43
30062 - Drafter/CAD Operator II	19.13
30063 - Drafter/CAD Operator III	21.29
30064 - Drafter/CAD Operator IV	25.23
30081 - Engineering Technician I	14.27
30082 - Engineering Technician II	16.02
30083 - Engineering Technician III	18.70
30084 - Engineering Technician IV	22.20
30085 - Engineering Technician V	27.16
30086 - Engineering Technician VI	32.86
30090 - Environmental Technician	19.67
30210 - Laboratory Technician	16.87
30240 - Mathematical Technician	23.49
30361 - Paralegal/Legal Assistant I	15.71
30362 - Paralegal/Legal Assistant II	20.45
30363 - Paralegal/Legal Assistant III	25.01
30364 - Paralegal/Legal Assistant IV	30.27
30390 - Photo-Optics Technician	23.49
30461 - Technical Writer I	19.67
30462 - Technical Writer II	24.06
30463 - Technical Writer III	29.11
30491 - Unexploded Ordnance (UXO) Technician I	22.34
30492 - Unexploded Ordnance (UXO) Technician II	27.03
30493 - Unexploded Ordnance (UXO) Technician III	32.40
30494 - Unexploded (UXO) Safety Escort	22.34
30495 - Unexploded (UXO) Sweep Personnel	22.34
30620 - Weather Observer, Combined Upper Air Or Surface Programs	(see 2) 20.50
30621 - Weather Observer, Senior	(see 2) 22.77
31000 - Transportation/Mobile Equipment Operation Occupations	
31020 - Bus Aide	10.38
31030 - Bus Driver	13.86
31043 - Driver Courier	11.56
31260 - Parking and Lot Attendant	8.60
31290 - Shuttle Bus Driver	12.45
31310 - Taxi Driver	9.75
31361 - Truckdriver, Light	12.45
31362 - Truckdriver, Medium	17.61
31363 - Truckdriver, Heavy	17.68
31364 - Truckdriver, Tractor-Trailer	17.68
99000 - Miscellaneous Occupations	

99030 - Cashier	8.27
99050 - Desk Clerk	10.17
99095 - Embalmer	24.22
99251 - Laboratory Animal Caretaker I	10.54
99252 - Laboratory Animal Caretaker II	11.34
99310 - Mortician	26.66
99410 - Pest Controller	15.84
99510 - Photofinishing Worker	10.89
99710 - Recycling Laborer	14.91
99711 - Recycling Specialist	17.56
99730 - Refuse Collector	13.58
99810 - Sales Clerk	11.23
99820 - School Crossing Guard	9.90
99830 - Survey Party Chief	20.03
99831 - Surveying Aide	12.59
99832 - Surveying Technician	17.23
99840 - Vending Machine Attendant	14.59
99841 - Vending Machine Repairer	16.15
99842 - Vending Machine Repairer Helper	14.59

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$3.35 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 8 years, 4 weeks after 15 years, and 5 weeks after 25 years.

Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of eleven paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties

within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am.

If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.

Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C) (vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor,

for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.